**Proteins** 

## **Product** Data Sheet

## TPST1 Protein, Human (HEK293, His)

Cat. No.: HY-P77255

Synonyms: Protein-tyrosine sulfotransferase 1; Tyrosylprotein sulfotransferase 1; TPST-1

Species: Source: HEK293

O60507 (Q26-E370) Accession:

Gene ID: 8460

Molecular Weight: Approximately 43-57 kDa due to the glycosylation

## **PROPERTIES**

QHAMECHHRI EERSQPVKLE STRTTVRTGL DLKANKTFAY HKDMPLIFIG GVPRSGTTLM RAMLDAHPDI RCGEETRVIP RILALKQMWS RSSKEKIRLD EAGVTDEVLD SAMQAFLLEI IVKHGEPAPY LCNKDPFALK SLTYLSRLFP NAKFLLMVRD GRASVHSMIS RKVTIAGFDL NSYRDCLTKW NRAIETMYNQ CMEVGYKKCM LVHYEQLVLH PERWMRTLLK FLQIPWNHSV LHHEEMIGKA GGVSLSKVER STDQVIKPVN VGALSKWVGK IPPDVLQDMA VIAPMLAKLG YDPYANPPNY GKPDPKIIEN TRRVYKGEFQ LPDFLKEKPQ TEQVE  Appearance Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  Endotoxin Level <1EU/µg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	AA Sequence	
RILALKQMWS RSSKEKIRLD EAGVTDEVLD SAMQAFLLEI IVKHGEPAPY LCNKDPFALK SLTYLSRLFP NAKFLLMVRD GRASVHSMIS RKVTIAGFDL NSYRDCLTKW NRAIETMYNQ CMEVGYKKCM LVHYEQLVLH PERWMRTLLK FLQIPWNHSV LHHEEMIGKA GGVSLSKVER STDQVIKPVN VGALSKWVGK IPPDVLQDMA VIAPMLAKLG YDPYANPPNY GKPDPKIIEN TRRVYKGEFQ LPDFLKEKPQ TEQVE  Appearance Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  Endotoxin Level <1EU/µg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	701 ocquerice	QHAMECHHRI EERSQPVKLE STRTTVRTGL DLKANKTFAY
IVKHGEPAPY		HKDMPLIFIG GVPRSGTTLM RAMLDAHPDI RCGEETRVIP
GRASVHSMIS RKVTIAGFDL NSYRDCLTKW NRAIETMYNQ CMEVGYKKCM LVHYEQLVLH PERWMRTLLK FLQIPWNHSV LHHEEMIGKA GGVSLSKVER STDQVIKPVN VGALSKWVGK IPPDVLQDMA VIAPMLAKLG YDPYANPPNY GKPDPKIIEN TRRVYKGEFQ LPDFLKEKPQ TEQVE  Appearance Lyophilized powder.  Formulation Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.  Endotoxin Level <1 EU/μg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		RILALKQMWS RSSKEKIRLD EAGVTDEVLD SAMQAFLLEI
CMEVGYKKCM LVHYEQLVLH PERWMRTLLK FLQIPWNHSV LHHEEMIGKA GGVSLSKVER STDQVIKPVN VGALSKWVGK IPPDVLQDMA VIAPMLAKLG YDPYANPPNY GKPDPKIIEN TRRVYKGEFQ LPDFLKEKPQ TEQVE  Appearance Lyophilized powder.  Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  Endotoxin Level <1EU/µg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		IVKHGEPAPY LCNKDPFALK SLTYLSRLFP NAKFLLMVRD
L H H E E M I G K A G G V S L S K V E R S T D Q V I K P V N V G A L S K W V G K I P P D V L Q D M A V I A P M L A K L G Y D P Y A N P P N Y G K P D P K I I E N T R R V Y K G E F Q L P D F L K E K P Q T E Q V E  Appearance  Lyophilized powder.  Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  Endotoxin Level  It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). Storage & Stability  Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		GRASVHSMIS RKVTIAGFDL NSYRDCLTKW NRAIETMYNQ
I P P D V L Q D M A       V I A P M L A K L G       Y D P Y A N P P N Y       G K P D P K I I E N         T R R V Y K G E F Q       L P D F L K E K P Q       T E Q V E    Appearance Lyophilized powder. Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Endotoxin Level <1 EU/μg, determined by LAL method. Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		CMEVGYKKCM LVHYEQLVLH PERWMRTLLK FLQIPWNHSV
Appearance Lyophilized powder.  Formulation Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.  Endotoxin Level <1 EU/μg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		LHHEEMIGKA GGVSLSKVER STDQVIKPVN VGALSKWVGK
Appearance Lyophilized powder.  Formulation Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.  Endotoxin Level <1 EU/μg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		IPPDVLQDMA VIAPMLAKLG YDPYANPPNY GKPDPKIIEN
Formulation       Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.         Endotoxin Level       <1 EU/μg, determined by LAL method.		TRRVYKGEFQ LPDFLKEKPQ TEQVE
Formulation       Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.         Endotoxin Level       <1 EU/μg, determined by LAL method.		
Endotoxin Level <1 EU/μg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	Appearance	Lyophilized powder.
Endotoxin Level <1 EU/μg, determined by LAL method.  Reconsititution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		
Reconsititution  It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability  Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconsititution       It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).         Storage & Stability       Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	Endotoxin Level	<1 FU/ug, determined by LAL method.
recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability  Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.		
recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  Storage & Stability  Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is
recommended to freeze aliquots at -20°C or -80°C for extended storage.		
recommended to freeze aliquots at -20°C or -80°C for extended storage.		
	Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is
Shipping Room temperature in continental US: may vary elsewhere		recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping Room temperature in continental US: may vary elsewhere		
noom temperature in continental cost may vary electricity	Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Page 1 of 1