

## TSST-1 Protein, *S. aureus* (His-SUMO)

Cat. No.:	HY-P71508
Synonyms:	tst; Toxic shock syndrome toxin-1; TSST-1
Species:	Staphylococcus aureus
Source:	E. coli
Accession:	P06886 (41S-234N)
Gene ID:	/
Molecular Weight:	Approximately 37.9 kDa

### PROPERTIES

AA Sequence	<p>           S T N D N I K D L L    D W Y S S G S D T F    T N S E V L D N S L    G S M R I K N T D G            S I S L I I F P S P    Y Y S P A F T K G E    K V D L N T K R T K    K S Q H T S E G T Y            I H F Q I S G V T N    T E K L P T P I E L    P L K V K V H G K D    S P L K Y G P K F D            K K Q L A I S T L D    F E I R H Q L T Q I    H G L Y R S S D K T    G G Y W K I T M N D            G S T Y Q S D L S K    K F E Y N T E K P P    I N I D E I K T I E    A E I N         </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.
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.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The TSST-1 protein is responsible for inducing the symptoms associated with toxic shock syndrome.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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