

## Thrombopoietin Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P76672
Synonyms:	Thrombopoietin; C-mpl ligand; THPO; MGDF
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005546625.1(S22-G353)
Gene ID:	102144240
Molecular Weight:	70-80 kDa

### PROPERTIES

#### AA Sequence

S P A P P A C D P R	V L S K L L R D S R	V L H S R L S L C P	E V N P L P T P V L
L P A V D F S L G E	W K T Q M E E T K A	Q D I L G A V T L L	L E G V M A A R G Q
L G P T C L S S L L	G Q L S G Q V R L L	L G A L Q S L L G T	Q L P P Q G R T T A
H K D P N A I F L S	F Q H L L R G K V R	F L L L V G G P T L	C V R R A P P T T A
V P S R T S L V L T	L N E L P N R T S G	L L E T N F T A S A	R T T G S G L Q K R
Q Q G F R A K I P G	L L N Q T S R S L D	Q I P G Y L N R I H	K L L N G T R G L F
P G P S R R T L G A	P D I S P G T S D T	G S L P P N L Q P G	Y S P S P T H P P T
G Q Y T L F P L P P	T L P S P V V Q L H	P L L P D P S A P T	P T P T S P L L N T
S H T H S Q N L S Q	E G		

#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.

#### Endotoxin Level

<1 EU/ $\mu$ g, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

#### Shipping

Room temperature in continental US; may vary elsewhere.

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

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