

Recombinant Human TPP1 protein, His-tagged

Cat. No. TPP1-926H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPP1 protein(AAH14863.1) (Met 1-Pro 563) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-563 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The secreted recombinant human TPP1 (pro form) comprises 554 amino acids and has a predicted molecular mass of 60.7 kDa. The apparent molecular mass of rhTPP1 is approximately 60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name TPP1 tripeptidyl peptidase I [Homo sapiens]

Official Symbol [TPP1](#)

Synonyms TPP1; tripeptidyl peptidase I; ceroid lipofuscinosis, neuronal 2, late infantile (Jansky Bielschowsky disease), CLN2; tripeptidyl-peptidase 1; TPP I; tripeptidyl aminopeptidase; growth-inhibiting protein 1; cell growth-inhibiting gene 1 protein; lysosomal pepstatin insensitive protease; CLN2; GIG1; LPIC; TPP-1; MGC21297;

Gene ID [1200](#)

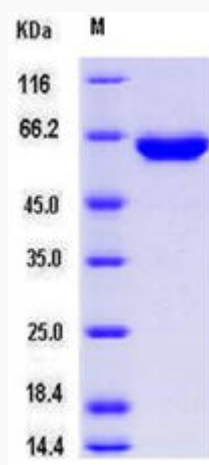
mRNA Refseq [NM_000391](#)

Protein Refseq [NP_000382](#)

MIM [607998](#)

UniProt ID [O14773](#)

SDS-PAGE



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