

Active Recombinant Human TPP1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TPP1 protein(AAH14863.1)(Met1-Pro563), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Pro563
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the cleavage of AlaAlaPheAMC. The specific activity is > 850 pmoles/min/μg.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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.

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](#)

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