

Active Recombinant Human TPP1 Protein, His-tagged

Cat. No. TPP1-925H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPP1 (Accession # O14773) Met1-Pro563, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Met1-Pro563
Predicted N Terminal	Ser20
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by the cleavage of Ala-Ala-Phe-AMC. The specific activity is >850 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human TPP1, His-tagged has a calculated MW of 61 kDa. In SDS-PAGE migrates as 65-75 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	11p15.4

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