

Recombinant Human TPP1 protein, His/Flag-tagged

Cat. No. TPP1-103H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPP1, fused with C-terminal His6x and Flag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	580 aa (including fusion tag)
Form	Supplied in 1 x TBS, 10% Glycerol, pH7.4.
Molecular Mass	63.4(including fusion tag)
Applications	Protease assay, WB, ELISA, IP, antibody production, protein array
Storage	Store at -80 centigrade and avoid repeated freeze-thaw cycles. Stable for 6 months from date of receipt if stored at above condition.

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

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	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
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Unfolded Protein Response, organism-specific biosystem;
Function	endopeptidase activity; endopeptidase activity; metal ion binding; peptidase activity; peptide binding; protein binding; serine-type endopeptidase activity; serine-type peptidase activity; tripeptidyl-peptidase activity; tripeptidyl-peptidase activity;