

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

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