

Recombinant Mouse Thop1 Protein, Myc/DDK-tagged

Cat. No. Thop1-6416M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thimet oligopeptidase 1 (Thop1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the metabolism of neuropeptides under 20 amino acid residues long. Involved in cytoplasmic peptide degradation. Able to degrade the amyloid-beta precursor protein and generate amyloidogenic fragments.
Molecular Mass	78 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Thop1 thimet oligopeptidase 1 [Mus musculus (house mouse)]
Official Symbol	Thop1
Synonyms	THOP1; thimet oligopeptidase 1; thimet oligopeptidase; endopeptidase 24.15; EP24.15; AI131655; AI327041
Gene ID	50492
mRNA Refseq	NM_022653
Protein Refseq	NP_073144
UniProt ID	Q8C1A5

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