

Recombinant Human THOP1, His-tagged

Cat. No. THOP1-29998TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 266-689 of Human Thimet Oligopeptidase with N terminal His tag; 424 amino acids, 55kDa.
Species	Human
Source	E.coli
ProteinLength	266-689 a.a.
Description	Thimet oligopeptidase is an enzyme that in humans is encoded by the THOP1 gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 88 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KSRLLGFHTHADYVLEMNMAKTSQTVATFLDELAQKLKPL GEQERAVILELKRAECE RRGLPFDGRIRAWDMRYMNRQ VEETRYCVDQNLLKEYFPVQVVTHGLLGIYQELL GLAF HHEEGASAWHEDVRLYTARDAASGEVVGKFDLYPREGK YGHAACFGLQ PGCLRQDGSRQIAIAMVANFTKPTADA PSLQHQDEVETVFHEFGHVMHQLCSQAE FAMFSGTHVE RDFVEAPSQMLENWWWEQEPLLRMSRHYRTGSAVPRELLE KLIES

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RQANTGLFNLRQIVLAKVDQALHTQTDADPAEE YARLCQEILGVPATPGTNMPATF
 GHLAGGYDAQYYGYL WSEVYSMDMFHTRFKQEGVLNSKVGMDYRSCILRPGGS E
 DASAMLRRLGRDPKQDAFLLSKGLQVGGCEPEPQVC

Sequence
Similarities Belongs to the peptidase M3 family.

GENE INFORMATION

Gene Name THOP1 thimet oligopeptidase 1 [Homo sapiens]

Official Symbol THOP1

Synonyms THOP1; thimet oligopeptidase 1; thimet oligopeptidase;

Gene ID 7064

mRNA Refseq NM_003249

Protein Refseq NP_003240

MIM 601117

Uniprot ID P52888

Chromosome Location 19p13.3

Pathway African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem;

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Function

metal ion binding; metalloendopeptidase activity; peptidase activity; peptide binding;

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