Recombinant Human THOP1 Protein, His-tagged

Cat. No. THOP1-650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THOP1(Asn451~Thr597) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn451~Thr597
Description	The protein encoded by this gene is a kininase that uses zinc as a cofactor. The encoded oligopeptidase cleaves cytosolic peptides, making them unavailable for display on antigen-presenting cells. This protein also cleaves neuropeptides under 20 aa in length and can degrade beta-amyloid precursor protein to amyloidogenic peptides.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.5kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

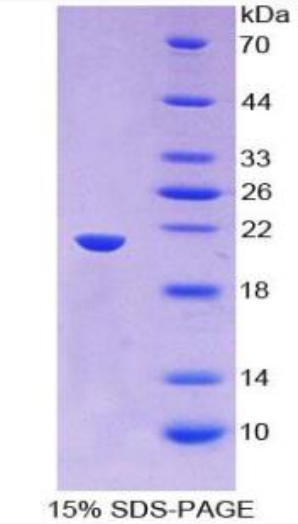
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	THOP1 thimet oligopeptidase 1 [Homo sapiens]
Official Symbol	THOP1
Synonyms	THOP1; thimet oligopeptidase 1; thimet oligopeptidase; endopeptidase 24.15; TOP; MP78; EP24.15; MEPD_HUMAN;
Gene ID	7064
mRNA Refseq	NM_003249
Protein Refseq	NP_003240
MIM	601117
UniProt ID	P52888

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15% SDS-PAGE

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