

Product datasheet for **TP720157M**

Thimet Oligopeptidase (THOP1) (NM_003249) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thimet oligopeptidase 1 (THOP1)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Lys2-Cys689
Tag:	C-His
Predicted MW:	79.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_003240
Locus ID:	7064
UniProt ID:	P52888
Cytogenetics:	19p13.3
Synonyms:	EP24.15; MEPD_HUMAN; MP78; TOP
Summary:	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. [provided by RefSeq, Nov 2015]
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Renin-angiotensin system


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Product images:

