

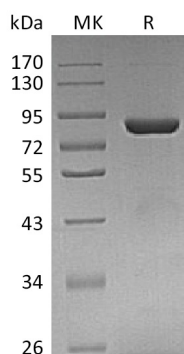
Product Name: Recombinant Human THOP1 (C-6His)
Catalog #: PEH1629



概述 (Summary)

英文全称	Thimet Oligopeptidase/THOP1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Thimet Oligopeptidase is produced by our E.coli expression system and the target gene encoding Lys2-Cys689 is expressed with a 6His tag at the C-terminus.
Accession #	P52888
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	80 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 50% Glycerol, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Thimet Oligopeptidase; Endopeptidase 24.15; MP78; THOP1

背景介绍 (References)

Thimet Oligopeptidase (THOP1) belongs to the peptidase M3 family which includes neurolysin and mitochondrial intermediate peptidase. THOP1 is located in Cytoplasm. THOP1 is widely expressed in human tissues and can be detected in different subcellular locations. THOP1 is preferential cleavage for bonds with hydrophobic residues at P1, P2 and P3 and a small residue at P1 in substrates of 5 to 15 residues. THOP1 is involved in the metabolism of neuropeptides under 20 amino acid residues and degradation of cytoplasmic peptide. In addition, THOP1 also can degrade the beta-amyloid precursor protein and generate amyloidogenic fragments.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.