Datasheet for ABIN7586327

Thimet Oligopeptidase 1 Protein (THOP1) (AA 1-687) (His tag)

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Overview

Quantity:	100 µg
Target:	Thimet Oligopeptidase 1 (THOP1)
Protein Characteristics:	AA 1-687
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thimet Oligopeptidase 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKPPAACAGD VVDTVSPCST VNHLRWDLSA QQIRALTTQL IEQTKCVYDR VGAQDFEDVS YESTLKALAD VEVTYTVQRN ILDFPQHVSP NKDIRAASTE ADKKLSEFDV EMSMRQDVYQ RVVWLQEKIP KDSLKPEAAR YLERLIKLGR RNGLHLPQDT QEKIKNIKKR LSLLCIDFNK NLNEDTTFLP FTREELGGLP EDFLNSLEKT EDGKLKVTLK YPHYFPLLKK CHVPETRRLL EEAFNCRCKE ENCAILKELV SLRAQKSNLL GFRTHADYVL EMNMAKTSQT VATFLDELAR KLKPLGEQER AVILELKEAE CAKRGLPFDG RIHAWDMRYY MNQVEETRYR VDQNLLKEYF PMQVVTRGLL AIYQELLGLT FTLEEGAAAW HEDVRLYSVR DAASGEEIGK FYLDLYPREG KYGHAACFGL QPGCLRQDGS RQLAIAAMVA NFTKPTPDVP SLLQHDEVET YFHEFGHVMH QLCSQAEFAM FSGTHVERDF VEAPSQMLEN WVWEKEPLMR MSQHYRTGGE APEDLLEKLI KSRQANAGLF NLRQIVLAKV DQVLHTQTDV DPAEEYARLC QEILGVPATP GTNMPATFGH LAGGYDAQYY GYLWSEVYSM DMFHTRFKQE GVLSPKVGMD YRTSILRPGG SEDASTMLKQ FLGRDPKQDA FLLSKGLQVE GCEPPAC

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Thimet Oligopeptidase 1 (THOP1)
Alternative Name:	Thimet oligopeptidase (Thop1) (THOP1 Products)
Background:	Recommended name: Thimet oligopeptidase. EC= 3.4.24.15. Alternative name(s): Endo-oligopeptidase A Endopeptidase 24.15 PZ-peptidase Soluble metallo-endopeptidase
UniProt:	P24155

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.