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Datasheet for ABIN1474195

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

### Overview

Quantity:	1 mg
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 VNHLRWDLA QQIRALTTQL IEQTKCVYDR VGAQDFEDVS  
YESTLALAD VEVTYTVQRN ILDFPQHVSP NKDIRAASTE ADKKLSEFDV EMSMRQDVYQ  
RVVWLQEKIP KDSLKPEAAR YLERLIKLR RNGLHLPQDT QEKIKNIKKR LSLLCIDFNK  
NLNEDTTFLP FTREELGGLP EDFLNSLEKT EDGKLVTLK YPHYFPLLKK CHVPETRRLL  
EEAFNCRCKE ENCAILKELV SLRAQKSNLL GFRTHADYVL EMNMAKTSQT VATFLDELAR  
KPKPLGEQER AVILELKEAE CAKRGLPFDG RIHAWDMRYM MNQVEETRYR VDQNLKKEYF  
PMQVVTRGLL AIYQELLGLT FTLEEGAAAW HEDVRLYSVR DAASGEEIGK FYLDLYPREG  
KYGHAACFGL QPGCLRQDGS RQLAIAAMVA NFKTPDPVP SLLQHDEVET YFHEFGHVMH  
QLCSQAEFAM FSGTHVERDF VEAPSQMLN WVWEKEPLMR MSQHYRTGGE APEDLLEKLI  
KSRQANAGLF NLRQIVLAKV DQVLHTQTDV DPAAEYARLC QEILGVPATP GTNMPATFGH  
LAGGYDAQYY GYLWSEVYSM DMFHTRFKQE GVLSPKVGMD YRTSILRPGG SEDASTMLKQ  
FLGRDPKQDA FLLSKGLQVE GCEPPAC

## Product Details

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

## Target Details

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Target:	Thimet Oligopeptidase 1 (THOP1)
Alternative Name:	Thimet oligopeptidase (Thop1) ( <a href="#">THOP1 Products</a> )
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:	<a href="#">P24155</a>

## Application Details

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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 modified 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

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

## Handling

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.