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Datasheet for ABIN1657542  
**HTRA1 Protein (AA 23-480) (His tag)**

Overview

Quantity:	1 mg
Target:	HTRA1
Protein Characteristics:	AA 23-480
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTRA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>LPSGISRS APAATVCPEH CDPTRCAPP TDCEGGRVRD ACGCCEVCGA LEGAVCGLQE                      GPCGEGQLQCV VPFQVPASAT VRRRAQAGLC VCASSEPVCG SDAKTYTNLC QLRAASRRSE                      KLRQPPVIVL QRGACGQGQE DPNSLRHKYN FIADVVEKIA PAVVHIELYR KLPFSKREVP                      VASGSGFIVS EDGLIVTNAH VVTNKNRVKV ELKNGATYEA KIKDVDEKAD IALIKIDHQG                      KLPVLLGGRS SELRPGEFVV AIGSPFSLQN TVTTGIVSTT QRGKELGLR NSDMDYIQTD                      AIINYNSGG PLVNLGDEVI GINTLKVTAG ISFAIPSDKI KKFLTESHDR QAKGKTVTKK                      KYIGIRMMSL TSSKAKELKD RHRDFPDVIS GAYIIEVIPD TPAEAGGLKE NDVIISINGQ                      SVVTANDVSD VIKKENTLNM VRRGNEDIV ITVPPEEIDP</p>
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: HTRA1

Alternative Name: Serine protease HTRA1 (Htra1) ([HTRA1 Products](#))

Background: Recommended name: Serine protease HTRA1.  
EC= 3.4.21.-.  
Alternative name(s): High-temperature requirement A serine peptidase 1 Serine protease 11

UniProt: [Q9QZK5](#)

Pathways: [Growth Factor Binding](#)

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

Storage: -20 °C

## Handling

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