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Datasheet for ABIN1670360  
**HTRA1 Protein (AA 20-476) (His tag)**

### Overview

Quantity:	1 mg
Target:	HTRA1
Protein Characteristics:	AA 20-476
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTRA1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	R IIKRYVIGCP ERCDKSLCPP IPPDCLAGDI LDQCDCCPVC AAGEGESC GG TGKLG DPECG EGLECAVSDG VGATTTVRRR GKTGVCVCKS SEPVC GSDGV SYRNICELKR VSNRAQKLQQ PPIIFIQRGA CGKGHEENPD SLRHRYNFIA DVVEKIAPAV VHIELFRKNV FNREVAVASG SGFVSEDGL IVTNAHVVAN KHRVKVELKT GTTYDAKIKD VDEKADIALI KIDAPMKLPV LLLGRSADLR PGEFVVAIGS PFSLQNTVTT GIVSTTQRGG KELGLRNSDM DYIQTDAIIN YGNSSGGLVN LDGEVIGINT LKV TAGISFA IPSDKIRQFL AESHDRQAKG KTATKKKYIG VRMMLTPTL AKELKQRKND FPDVTSGAYV IEVIPKTPAE VGGLKESDVI ISINGQRITS ASDVSTAIKT DESLRAVRR GNEDIILTII PEEIDP
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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 HTRA1B (htra1b) ([HTRA1 Products](#))

Background: Recommended name: Serine protease HTRA1B.  
EC= 3.4.21.-.  
Alternative name(s): High-temperature requirement A serine peptidase 1B

UniProt: [A9JRB3](#)

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.