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Datasheet for ABIN1511697
HTRA1 Protein (AA 19-460) (His tag)

Overview

Quantity:	1 mg
Target:	HTRA1
Protein Characteristics:	AA 19-460
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTRA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LP TSGVGCPSRC DPASCAPAPT NCPAGETALR CGCCPVCAA EWERC GEGPE DPLCASGLRC VKNGGVARCQ CPSNLPVCGS DGKTYPSLCR LQAESKAAQG KGSAAIPIQ RGDCQQGQRD PDSPRYKYNF IADVVEKIAP AVVHIELFRM LPFFKREVPV ASGSGFVSE DGLILTNAHV VTNKHRLKVE RSDGSTYDAQ IIDVDEKADI ALIKIKAKGK LPVLLLGRSE DLRPGEFVVA IGSPFSLQNT VTTGIVSTAQ RGGKELGLRN SDMDYIQTDA IINYGNSSGGP LVNLDGEVIG INTLKVTAGI SFAIPSDKIR KFLAESHNRQ STGQGTKKKK YLGIRMMSLS QGKCLKELKEQ VKDFPENTSG AYIVEVIPDT PAEEAGLKEG DIIISIGGKS VTSSSDVSDA IKKEGTTLHL VIRRGNE DIP ISVTPKEIEF
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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

Purity: > 90 %

Target Details

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: [A4IHA1](#)

Pathways: [Growth Factor Binding](#)

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 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

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

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