Datasheet for ABIN7584768

HTRA1 Protein (AA 30-487) (His tag)

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Overview

Quantity:	100 µg
Target:	HTRA1
Protein Characteristics:	AA 30-487
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTRA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	Q PARAGRSAPG AAGCPERCDP ARCAPPPGSC EGGRVRDACG CCEVCGAPEG AECGLQEGPC GEGLQCVVPF GVPASATVRR RAQSGLCVCA SNEPVCGSDA KTYTNLCQLR AASRRSERLH QPPVIVLQRG ACGQGQEDPN SLRHKYNFIA DVVEKIAPAV VHIELFRKLP FSKREVPVAS GSGFIVSEDG LIVTNAHVVT NKHRVKVELK NGATYEAKIK DVDEKADIAL IKIDHQGKLP VLLLGRSSEL RPGEFVVAIG SPFSLQNTVT TGIVSTTQRG GKELGLRNSD MDYIQTDAII NYGNSGGPLV NLDGEVIGIN TLKVTAGISF AIPSDKIKKF LTESHDRQAK GKAITKKKYI GIRMMSLTPS KAKELKDRHR DFPDVLSGAY IIEVIPDTPA EAGGLKENDV IISINGQSVV SANDVSDVIK KESTLNMVVR RGNEDIMITV IPEEIDP
Specificity:	Bos taurus (Bovine)
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.

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:	F1N152
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 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 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.