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Datasheet for ABIN7479437

## DEGP Protein (AA 27-474, full length) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	DEGP
Protein Characteristics:	AA 27-474, full length
Origin:	E. coli
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DEGP protein is labelled with His tag.
Application:	ELISA

#### Product Details

Sequence:	AETSSATTAQ QMPSLAPMLE KVMPSVVSIN VEGSTTVNTP RMPRNFQQFF GDDSPFCQEG SPFQSSPFCQ GGQGGNGGGQ QQKFMALGSG VIIDADKGYV VTNNHVVDNA TVIKVQLSDG RKFDAKMVGK DPRSDIALIQ IQNPKNLTAI KMADSDALRV GDYTVAIGNP FGLGETVTSG IVSALGRSGL NAENYENFIQ TDAAINRGNS GGALVNLNGE LIGINTAILA PDGGNIGIGF AIPSNMVKNL TSQMVEYGQV KRGELGIMGT ELNSELAKAM KVDAQRGAFV SQVLPNSSAA KAGIKAGDVI TSLNGKPISS FAALRAQVGT MPVGSKLTG LLRDGKQVNV NLELQSSQN QVDSSSIFNG IEGAEMSNKG KDQGVVNNV KTGTPAAQIG LKKGDVIIGA NQQAVKNIAE LRKVLDSKPS VLALNIQRGD STIYLLMQ
Specificity:	Escherichia coli (strain K12)
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: DEGP

Alternative Name: Periplasmic serine endoprotease DegP (degP) ([DEGP Products](#))

Background: Recommended name: Periplasmic serine endoprotease DegP.  
EC= 3.4.21.107.  
Alternative name(s): Heat shock protein DegP Protease Do

Molecular Weight: 48.8 kD

UniProt: [P0C0V0](#)

## 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

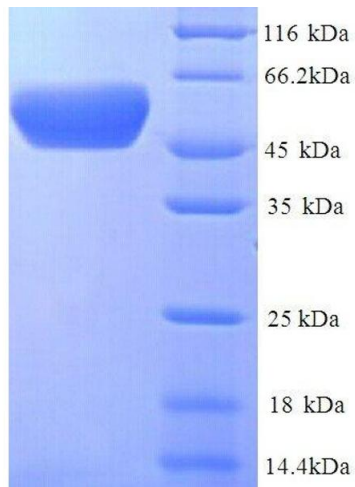
Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

## Handling

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

## Images



### SDS-PAGE

**Image 1.** Serine Endoprotease (Protease Do), Membrane-Associated (DEGP) (AA 27-474), (full length) protein (His tag)