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Datasheet for ABIN1661764
DEGP Protein (AA 27-475) (His tag)

Overview

Quantity:	1 mg
Target:	DEGP
Protein Characteristics:	AA 27-475
Origin:	Salmonella typhimurium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DEGP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AETS SSAMTAQQMP SLAPMLEKVM PSVVSINVEG STTVNTPRMP RNFQQFFGDD SPFCQDGSFP QNSPFCQGGG NGGNGGQQK FMALGSGVII DAAKGYVVTN NHVVDNASVI KVQLSDGRKF DAKVVGKDPR SDIALIQIQN PKNLTAIKLA DSDALRVGDY TVAIGNPFGL GETVTSGIVS ALGRSGLNVE NYENFIQTDA AINRGNSGGA LVNLNGELIG INTAILAPDG GNIGIGFAIP SNMVKNLTSQ MVEYGQVKRG ELGIMGTELN SELAKAMKVD AQRGAFVSQV MPNSSAAKAG IKAGDVITSL NGKPISSF AA LRAQVGTMPV GSKISLGLLR EGKAITVNLE LQSSQSQVD SSTIFSGIEG AEMSNKGQDK GVVSSVKAN SPAAQIGLKK GDVIIGANQQ PVKNIAELRK ILDSKPSVLA LNIQRGDSSI YLLMQ
Specificity:	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
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: 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

UniProt: [P26982](#)

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

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