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Datasheet for ABIN1505457

ALBF Protein (AA 1-426) (His tag)

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Overview

Quantity:	1 mg
Target:	ALBF
Protein Characteristics:	AA 1-426
Origin:	Bacillus subtilis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALBF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEKKAFFQQL DERTDIRYTD SGLKIFRLKF PRAHLRLCNV KIDFGSRDVC IRAESGDTLL PYGTAHFLEH LLFWHNGRNL YSDFFAHGAL LNAFTTYTDT NFMFTSLPDR LRQTIPILLD ALWNHSFDKK IVAQEKAVIT SEIQTAHLNH QLSYHYQLIS MLSPSSPAAV FPAGRIEDIE ALDISDLQKA YKAAYQAHRM TLFLIGGSEN TETLLPPHLQ LEKRPDYHAE RKIIPACPPV LSQKMMLGDE ERMEDTWTGL QIGALPGQND LLSIKLYWDI AARILFQLDS PFFQEIQQTY RLEIDRLSAE TYIYEDGGFL ILHSQGTHSS AYIDVASYYV TQKKEQVAAW LQYGKDSLTD AIIYDSDYVR KCFEWAAECD RCDCSFLDMY HIIQDMDAQV FLSLIDAMAS SNKAIIHVSQ KEAIRQ
Specificity:	Bacillus subtilis (strain 168)
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.
Purity:	> 90 %

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Target Details

Target:	ALBF
Alternative Name:	Putative zinc protease AlbF (albF) (ALBF Products)
Background:	Recommended name: Putative zinc protease AlbF. EC= 3.4.24.-. Alternative name(s): Antilisterial bacteriocin subtilosin biosynthesis protein AlbF
UniProt:	P71006

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

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