Datasheet for ABIN1632478

mltF Protein (AA 31-495) (His tag)

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Overview

Quantity:	1 mg
Target:	mltF
Protein Characteristics:	AA 31-495
Origin:	Vibrio fischeri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This mltF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EPKTKLEQIR ERGILRVSTL NNQLSYYIGS NGPTGLDYDL AKAFAEKLEV KLEITPAYTY SGLFPALERN EVDIIAANMT ITPERLQKFR PGPVYYYVSQ QVVYKKGSWR PRNIKNLTQL DENLTIVKDS SFEGTLIKLK EKYPNLDWNT AADTDVSELL KKVATGEIHY TLADSVELSL TQRIHPDLAV AFEVTEDQPV AWFLQQTEDD SLQALLIEFF GELKESGKLA LLEEKYFGHV ESFDYVDTRA FIRALESKLP KWEPLFKKYA GDFDWRFLAA LSYQESHWNP LAKSPTGVRG MMMLTLPTAQ SVGVKNRLNP EQSIRGGAEY LRRIVKRVPD SITEHEKIWF ALASYNIGFG HMMDARRLTQ RLGGDPDSWT DVKDNLPLLR QQRYYRYLRY GFARGDEAQN YVENIRRYYQ SIIGYEQEQA NKLKQEELTV EDLQVIDVPL SSAEASVSQA IETKK
Specificity:	Vibrio fischeri (strain ATCC 700601 / ES114)
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:	mltF
Abstract:	mltF Products
Background:	Recommended name: Membrane-bound lytic murein transglycosylase F. EC= 4.2.2.n1. Alternative name(s): Murein lyase F
UniProt:	Q5E750

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.