Datasheet for ABIN1509478

Flagellin Protein (FliC) (AA 1-488) (His tag)

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Overview

Quantity:	1 mg
Target:	Flagellin (FliC)
Protein Characteristics:	AA 1-488
Origin:	Pseudomonas aeruginosa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Flagellin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MALTVNTNIA SLNTQRNLNA SSNDLNTSLQ RLTTGYRINS AKDDAAGLQI SNRLSNQISG LNVATRNAND GISLAQTAEG ALQQSTNILQ RIRDLALQSA NGSNSDADRA ALQKEVAAQQ AELTRISDTT TFGGRKLLDG SFGTTSFQVG SNAYETIDIS LQNASASAIG SYQVGSNGAG TVASVAGTAT ASGIASGTVN LVGGGQVKNI AIAAGDSAKA IAEKMDGAIP NLSARARTVF TADVSGVTGG SLNFDVTVGS NTVSLAGVTS TQDLADQLNS NSSKLGITAS INDKGVLTIT SATGENVKFG AQTGTATAGQ VAVKVQGSDG KFEAAAKNVV AAGTAATTTI VTGYVQLNSP TAYSVSGTGT QASQVFGNAS AAQKSSVASV DISTADGAQN AIAVVDNALA AIDAQRADLG AVQNRFKNTI DNLTNISENA TNARSRIKDT DFAAETAALS KNQVLQQAGT AILAQANQLP QAVLSLLR
Specificity:	Pseudomonas aeruginosa (strain ATCC 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
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:	Flagellin (FliC)
Alternative Name:	B-type flagellin (fliC) (FliC Products)
Background:	Recommended name: B-type flagellin
UniProt:	P72151
Pathways:	Inflammasome

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.