Datasheet for ABIN1668908

METK Protein (AA 1-382) (His tag)

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Overview

Quantity:	1 mg
Target:	METK
Protein Characteristics:	AA 1-382
Origin:	Legionella pneumophila
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This METK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNEVYVFTSE SVSEGHPDKI ADQISDAILD AILAQDPKAR VACEVLVKTG MVLVGGEITT KAWVDVEEIT RHVIKDIGYN SSQMGFDWES CAVLSAIGKQ SPDIAQGVDN QQTKILGAGD QGLMFGYASR ETDVFMPAPI AYAHRLMEKL AKARKSGQLP WLRPDAKCQL TLKYEQGMPV EVDTVVFSTQ HSPDIEHKDL VEAIREEIIK SVLPAEWLND KTRYFINPTG RFVIGGPLGD CGLTGRKIIV DTYGGMARHG GGCFSGKDPS KVDRSAAYAA RHVAKNIVAA GLADKCELQI SYAIGVAEPT SIFVDTFGTG RLKNSEIIDL IHTHFDLTPQ GIIDQHDLLR PIYRQTATYG HYGRENFPWE RLDKVAELSK AL
Specificity:	Legionella pneumophila (strain Corby)
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 %

Target Details

Target:	METK
Alternative Name:	S-adenosylmethionine synthase (metK) (METK Products)
Background:	Recommended name: S-adenosylmethionine synthase. Short name= AdoMet synthase. EC= 2.5.1.6. Alternative name(s): MAT Methionine adenosyltransferase
UniProt:	A5IDK5

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.