Datasheet for ABIN1669128

MIAA2 Protein (AA 1-307) (His tag)

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Overview

Quantity:	1 mg
Target:	MIAA2
Protein Characteristics:	AA 1-307
Origin:	Bacteroides vulgatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIAA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEKYDLITIL GPTASGKTPL AAALAYKLDT EIISGDSRQV YRRMDLGTGK DLEDYVVNGQ QIPYHLIDIV DPGYKYNVFE FQRDFLNAYD QVRWKDKLPI LCGGTGMYLE SVLKGYRLLP VPENPKLRDS LADKSLAELT RLLSTYRKLH NSTDVDTVKR AIRAIEIEEY YKHQSAEYRE FPQIHSLIIG VDIARELRRE KISHRLKQRL DEGMVNEVKA LLDSGISSED LIYYGLEYKY LTLYVLGKLS FNEMFHQLEI AIHQFAKRQM TWFRGMERRG FTIHWLDACL PMEDKVEKII NLLHTKN
Specificity:	Bacteroides vulgatus (strain ATCC 8482 / DSM 1447 / NCTC 11154)
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:	MIAA2
Alternative Name:	tRNA dimethylallyltransferase 2 (miaA2) (MIAA2 Products)
Background:	Recommended name: tRNA dimethylallyltransferase 2. EC= 2.5.1.75. Alternative name(s): Dimethylallyl diphosphate:tRNA dimethylallyltransferase 2. Short name= DMAPP:tRNA dimethylallyltransferase 2. Short name= DMATase 2 Isopentenyl-diphosphate:tRNA isopentenyltransferase 2. Short name= IPP transferase 2. Short name= IPPT 2. Short name= IPTase 2
UniProt:	A6L683

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

Handling

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

