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Datasheet for ABIN1608631

Aminomethyltransferase Protein (AMT) (AA 1-361) (His tag)

Overview

Quantity:	1 mg
Target:	Aminomethyltransferase (AMT)
Protein Characteristics:	AA 1-361
Origin:	Bacteroides vulgatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aminomethyltransferase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKTTPTFETH IALGAKMHEF AGYNMPIEYS GIIDEHLTV NAVGVFDVSH MGEFWVKGPN ALEFLQQVTS NNVATLPVGK AQYTCFPNEE GGIVDDLLVY HYESEKYLLV VNAANIEKDW NWCVSHNTVG AELENASDRM AQLAIQGPKA MEVLQKLTPV NLSEIPYYAF TTGEFAGQKD VIISNTGYTG AGGFELYFYP EAGQAIWKAI FEAGAPEGIK PIGLGARDTL RLEMGFCLYG NDLSDDTSPL EAGLGWITKF VEGKNFTSRA LLEKQKAEG LKRKLIAFEMV DRGIPRHGYE LVNADGEKIG EVTSGTMSPM RKIGIGMGYV QTAYTALGTE IFIDVRGRKL KAVVVKAPFR K
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, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Aminomethyltransferase (AMT)
Alternative Name:	Aminomethyltransferase (gcvT) (AMT Products)
Background:	Recommended name: Aminomethyltransferase. EC= 2.1.2.10. Alternative name(s): Glycine cleavage system T protein
UniProt:	A6L6X5

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 modiflicated 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.