Datasheet for ABIN1667413

NAGS Protein (AA 1-432) (His tag)

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Overview

Quantity:	1 mg
Target:	NAGS
Protein Characteristics:	AA 1-432
Origin:	Pseudomonas putida
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAGS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPDYVNWLRH ASPYINAHRD CTFVVMLPGD GVEHPNFGNI VHDLVLLHSL GVRLVLVHGS RPQIESRLAD RGLTPHYHRG MRITDAATLD CVIDAVGALR LAIEARLSMD IAASPMQGSR LRVASGNLVT ARPIGVLEGV DYHHTGEVRR VDRKGISRLL DERSIVLLSP LGYSPTGEIF NLACEDVATR AAIELGADKL LLFGAEPGLL DADGRLVREL RPQQVAPHLQ RLGSDYQGEL LDAAAEACKG GVARSHIVSY AEDGALLTEL FTRGGGGTLV SQEQFEVVRE ATIEDVGGLL ELISPLEEQG ILVRRSREVL EREIEQFSVV EREGMIIACA ALYPIADSEA GELACLAVNP EYRHGGRGDE LLERIESRAR QMGLSTLFVL TTRTAHWFRE RGFAPSGVER LPAARASLYN YQRNSKIFEK PL
Specificity:	Pseudomonas putida (Arthrobacter siderocapsulatus)
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:	NAGS
Alternative Name:	Amino-acid acetyltransferase (argA) (NAGS Products)
Background:	Recommended name: Amino-acid acetyltransferase. EC= 2.3.1.1. Alternative name(s): N-acetylglutamate synthase. Short name= AGS. Short name= NAGS
UniProt:	P0A100

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.

