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## Datasheet for ABIN1672355 NAGS Protein (AA 1-432) (His tag)

### Overview

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

### Product Details

Sequence:	MRDYVNWLRH ASPYINAHRD CTFVVMLPGE GIEHPNFGNI VHDLVLLHSL GVRLVLVHGS RPQIEARLAA RGLTPRFHQN LRITDVPTLE CVIDAVGSLR LAIEARLSMD MAASPMQGAR LRVVGGNFVT ARPIGVVDGI DYLTHTGEVRR IDRKGIGRQL DERAIVLLSP LGYSPTGEIF NLACEDVATR AAIDLKADKL LLFGAEPGLL DGQGTILREL RPQQVAAHLE RLGADYQGEL LDAAAQACRA GVPRSHMVS Y AEDGALLTEL FTRDGGGTLV TQE QFEKLRE ATIEDVGGLL ELIRPLEEQG ILVRRSREVL EREIGQFSIV ERDGLIIACA ALYPIADSDA GELACLAVNP DYRHGGRGDE LLERIEARAR ALGLKTLFVL TTRTAHWFRE RGFQPSGVER LPAARASLYN YQRQSKVFEK AL
Specificity:	Azotobacter vinelandii (strain DJ / ATCC BAA-1303)
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.

## 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: [C1DJG1](#)

## 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

## Handling

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