Datasheet for ABIN1611861

NARS2 Protein (AA 1-457) (His tag)

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Overview

Quantity:	1 mg
Target:	NARS2
Protein Characteristics:	AA 1-457
Origin:	Phytoplasma
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NARS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEISIKNIFE KADFYLGKKI IVNGWIRNCR FQKKLIFIEL NDGTFLENFQ IVYKNVDLEK IKDILQIGTS LKVEGFLKKN EKQEKNLEIL AQNITLLGSS DFSYPIQPKK HSKSFLRTIP HLRTRTKLFG AVFRIRSTAF FALHHFFHKK GFFHINTPII TPNDGEGAGE LFQLTSLNLE RLSQEKPSTI NYQKDFFGKK VFLTVTGQLE AEAMALALNK VYTFGPTFRA EKSNTPRHAA EFWMLEPEMA FCDLKQNLKV AQEMLQEVVV QCLQENQKDI EFLDQTVRNG LLQELKNVVQ EKEFLVITYQ KAIEILASSG VAFENKVFYG SDLATEHEKF LTEKHFQKPV FIIDWPKEIK AFYMKNNPDQ KTVAAMDLLI PRVGELIGGS QREENLAVLI EKMQQMKIPQ KEFEWYLDLR RFGSCIHSGF GLGFERLLLF LTGLDNIRDV IAFPRTY
Specificity:	Phytoplasma australiense
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:	NARS2
Alternative Name:	Asparagine--tRNA ligase (asnS) (NARS2 Products)
Background:	Recommended name: Asparagine--tRNA ligase. EC= 6.1.1.22. Alternative name(s): Asparaginyl-tRNA synthetase. Short name= AsnRS
UniProt:	B1V8X4
Pathways:	SARS-CoV-2 Protein Interactome

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

Handling

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