Datasheet for ABIN7584869

ISYNA1 Protein (AA 1-557) (His tag)

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Overview

Quantity:	100 µg
Target:	ISYNA1
Protein Characteristics:	AA 1-557
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ISYNA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEPAAEILVD SPDVIFGPEA IEARYEYRTT RVSREGGVLR VRPTATRFTF RTARQVPRLG VMLVGWGGNN GSTLTAAVLA NRLRLTWPTR TGRKEANYYG SLTQAGTVNL GLDGDGREVF VPFSALLPMV APNDLVFDGW DISSLNLAEA MRRAQVLDCG LQEQLWPHME SLRPRPSVYI PEFIAANQTA RADNLIPGTR AQQLEQIRKD IRDFRSSAGL DKVIVLWTAN TERFCEVVPG RNDTAENLLR TIQLGLEVSP STLFAVASIL EGCAFLNGSP QNTLVPGALE LASQRHVFVG GDDFKSGQTK VKSVLVDFLI GSGLKTMSIV SYNHLGNNDG QNLSAPLQFR SKEVTKSSVV DDMVQSNRVL YAPGEEPDHC VVIKYVPYVG DSKRALDEYT SELMLGGTNT LVLHNTCEDS LLAAPIMLDL VLLTELCQRV SFCTDSDPEP QGFHPVLSVL SFLFKAPLVP PGSPVVNALF RQRSCIENIF RACVGLPPQN HMLLEHKMER PFPGIKPEEV KATSPLPCKK ESTPATNGCT GDANGHTQAP TPELSTA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ISYNA1
Abstract:	ISYNA1 Products
Background:	Recommended name: Inositol-3-phosphate synthase 1. Short name= IPS 1. EC= 5.5.1.4. Alternative name(s): Myo-inositol 1-phosphate synthase. Short name= MI-1-P synthase. Short name= MIP synthase
UniProt:	Q6AYK3

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

Handling

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