antibodies

## Datasheet for ABIN1612807 ISYNA1 Protein (AA 1-557) (His tag)



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Quantity:	1 mg
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

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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

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