Datasheet for ABIN1612606

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

Go to Product page

Overview

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

Product Details

Sequence:	MDVARNGARG SVESPPNRKV YMDYNATTPL EPEVIQAVTE AMKEAWGNPS SSYVAGRKAK DIINTARASL AKMIGGKPQD IIFTSGGTES NNLVIHSTVR CFHEQQTLQG RTVDQISPEE GTRPHFITCT VEHDSIRLPL EHLVEDQVAE VTFVPVSKVN GQVEVEDILA AVRPTTCLVT IMLANNETGV IMPISEISRR IKALNQIRAA SGLPRVLVHT DAAQALGKRR VDVEDLGVDF LTIVGHKFYG PRIGALYVRG VGKLTPLYPM LFGGGQERNF RPGTENTPMI AGLGKAADLV SENCETYEAH MRDIRDYLEE RLEAEFGKRI HLNSRFPGVE RLPNTCNFSI QGSQLRGYMV LAQCQTLLAS VGASCHSDHE DRPSPVLLSC GIPVDVARNA VRLSVGRSTT RAEVDLIVQD LKQAVNQLEG PV
Specificity:	Rattus norvegicus (Rat)
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:	SCLY
Abstract:	SCLY Products
Background:	Recommended name: Selenocysteine lyase. EC= 4.4.1.16
UniProt:	Q68FT9
Pathways:	Stem Cell Maintenance

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