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Datasheet for ABIN1475575 RGS14 Protein (AA 1-544) (His tag)



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Quantity:	1 mg
Quantity.	i nig
Target:	RGS14
Protein Characteristics:	AA 1-544
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPGKPKHLGV PNGRMVLAVS DGELTSTSGS QAQGEGRGSS LSIHSLPSGP SSPFSTDEQP
	VASWAQSFER LLQDPRGLAY FTEFLKKEFS AENVTFWQAC ERFQQIPASD TKQLAQEAHN
	IYHEFLSSQA LSPVNIDRQA WLSEEVLAQP RPDMFRAQQL QIFNLMKFDS YARFVKSPLY
	QECLLAEAEG RPLREPGSSH LGSPDTARKK PKLKPGKSLP LGVEELGQLP LAEGRPLRKS
	FRREMPGGAV NSALRRESQG SLNSSASLDL GFLAFVSSKS ESHRKSLGSG EGESESRPGK
	YCCVYLPDGT ASLALARPGL TIRDMLAGIC EKRGLSLPDI KVYLVGKEQK ALVLDQDCTV
	LADQEVRLEN RITFQLELVG LERVVRISAK PTKRLQEALQ PILAKHGLSL DQVVLHRPGE
	KQLVDLENLV SSVASQTLVL DTLPDAKTRE ASSIPPCRSQ GCLPRTQTKD SHLPPLSSSL
	SVEDASGSTG KRQTCDIEGL VELLNRVQSS GAHDQRGLLR KEDLVLPEFL QLPSQRPGSQ EAPP
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.

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Product Details

Purity:

> 90 %

Target Details

Target:	RGS14
Abstract:	RGS14 Products
Background:	Recommended name: Regulator of G-protein signaling 14. Short name= RGS14
UniProt:	008773
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Platelet-derived growth Factor Receptor Signaling

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

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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

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

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