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Datasheet for ABIN1474614  
**RGS Protein (AA 1-677) (His tag)**

### Overview

Quantity:	1 mg
Target:	RGS
Protein Characteristics:	AA 1-677
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MTIRHQGQY RPRMAFLQKI EALVKDMQNP ETGVRMQNQR VLVTSVPHAM TGGDVLQWII  
QRLWISNLEA QNLGNFIVKY GYIYPLQDPK NLVLKPDSSL YRFQTPYFWP TQQWPAEDTD  
YAIYLAKRNI KKKGILEEYE KENYDFLNKK INYKWDFVIM QAKEQYRTGK ERNKADRYAL  
DCQEKAYWLV HRSPPGMNNV LDYGLDRVNT PNEVKKQTVT AVRKEIMYYQ QALMRSTVKS  
SVSLGGIVKY SEQFSSNDI MSGCLPSNPW ITDDTQFWDL NAKLVEVPTK MRVERWAFNF  
SELIRDPKGR QSFQYFLKKE FSGENLGFWE ACEDLKYGDQ SKVKEKAEI YKFLAPGAR  
RWINIDGKTM DITVKGLRHP HRYVLDAAQ HIYMLMKKDS YARYLKSPIY KEMLAKEIP  
QETTKRSSTL PFMRRHLRSS PSPVILRQLE EERAREAN TVDITQPGQH LAPSPHLAVY  
TGTCVPPSPS SPFSPSCRSP RKPFPSPSRF IRRPSIACP SPIRVALEGS SGLEGKGEAS  
WSGANPGPPV TESIETSVDR SRPHSQPRAP LKARAALSLG RFLRRGCLAS PVFARLSPKC  
PSVSHGKVQP LGDMGQQLPR LKPKKVANFF QIKMEMPTDS GPCLMDSDDP GAGESGDQTT  
EKEVICPWES LAEGKAG

## Product Details

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Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	RGS
Alternative Name:	Regulator of G-protein signaling 9 (Rgs9) ( <a href="#">RGS Products</a> )
Background:	Recommended name: Regulator of G-protein signaling 9. Short name= RGS9
UniProt:	<a href="#">P49805</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Phototransduction</a>

## Application Details

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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 modified 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

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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