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Datasheet for ABIN1461065

## RGS Protein (AA 1-484) (His tag)

### Overview

Quantity:	1 mg
Target:	RGS
Protein Characteristics:	AA 1-484
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MTIRHQGQQY RPRMAFLRKI EALVKDMQDP DTGVRVQNQK VKVVSIPHAM TGSDVLQWIS</p> <p>QRLWISGLEA QNLGNFIVKY GYIYPLQDPR NLTLKPDSSL YRFQTPYFWP TQQWPAEDVD</p> <p>YAIYLAKRNI KKKGILEEYE KENYNFLNKK INYKWDFVIM QAREQYRAGK ERNKVDRCAL</p> <p>DCQEKAYWL V HRCPPGANNV LDYGLDRV TN PNEDQKQTVV SVRKEIMYYR QALMRSTVKS</p> <p>SVSLGGIVKY SEQFSSND AI MSGCLPSNPW ITDDTQFWDL NAKLVDIPTK MRVERWAFNF</p> <p>SELIRDPKGR QSFQHFLRKE FSGENLGFWE ACEDLKYGDQ SKVKEKAEEI YKLFLAPGAR</p> <p>RWINIDGKTM DITVKGLKHP HRYVLDA AQT HIYMLMKKDS YARYLKSPIY KEMLAKAIEP</p> <p>QGTTTRKSSSL PFMRRHLRSS PSPVILRQLE EEAKAREAAT TVDITQVMSK LDRRSQRLRKE PPPK</p>
Specificity:	Bos taurus (Bovine)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: RGS

Alternative Name: Regulator of G-protein signaling 9 (RGS9) ([RGS Products](#))

Background: Recommended name: Regulator of G-protein signaling 9.  
Short name= RGS9

UniProt: [O46469](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Phototransduction](#)

## 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 modiflicated 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

## Handling

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