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Datasheet for ABIN1615171

RGS20 Protein (AA 1-218) (His tag)

Overview

Quantity:	1 mg
Target:	RGS20
Protein Characteristics:	AA 1-218
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS20 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGSERTEMRK RQMAATQETP GTAQAQHSVG NRGPNACCFC WCCCCSCSCL TVRNQEEERA RRTSHELQAE GIPNCEESPA PTLEEVNAWA QSFDKLMLTP AGRNAFREFL RTEFSEENML FWMACEELKQ ESNKSVIEEK ARLIYEDYIS ILSPKEVSLD SRVREVINRN MLEPSQHTFD DAQLQIYTLM HRDSYPRFMN SAIYKDLLRS LSEKSIEA
Specificity:	Gallus gallus (Chicken)
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

Target:	RGS20
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Target Details

Abstract:	RGS20 Products
Background:	<p>Recommended name: Regulator of G-protein signaling 20.</p> <p>Short name= RGS20.</p> <p>Alternative name(s): Gz-selective GTPase-activating protein.</p> <p>Short name= G(z)GAP.</p> <p>Short name= Gz-GAP</p>
UniProt:	Q9PWA1
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Comment:	<p>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.</p>
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.