antibodies

## Datasheet for ABIN2730812 RGS14 Protein (Myc-DYKDDDDK Tag)





Overview

Quantity:	20 µg
Target:	RGS14
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS14 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human RGS14 protein expressed in HEK293 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	RGS14
Alternative Name:	Rgs14 (RGS14 Products)
Background:	This gene encodes a member of the regulator of G-protein signaling family. This protein
	contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain.
	The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco
	domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase
	activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This

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	hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming
	variants of this gene have been observed but have not been thoroughly characterized.
Molecular Weight:	61.3 kDa
NCBI Accession:	NP_006471
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Platelet-derived growth Factor Receptor Signaling
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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