Datasheet for ABIN2730395

RACGAP1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)

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1 Image

Overview

Quantity:	20 µg
Target:	RACGAP1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RACGAP1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human RACGAP1 (transcript variant 2) 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:	RACGAP1
Alternative Name:	Racgap1 (RACGAP1 Products)
Background:	This gene encodes a GTPase-activating protein (GAP) that is a compoment of the centralspindlin complex. This protein binds activated forms of Rho GTPases and stimulates GTP hydrolysis, which results in negative regulation of Rho-mediated signals. This protein plays a regulatory role in cytokinesis, cell growth, and differentiation. Alternatively spliced transcript

Target Details

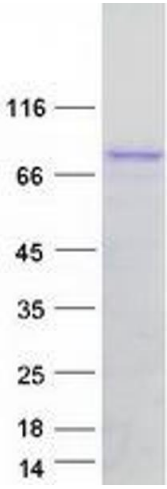
	variants have been found for this gene. There is a pseudogene for this gene on chromosome 12.
Molecular Weight:	70.8 kDa
NCBI Accession:	NP_001119575
Pathways:	Regulation of Actin Filament Polymerization, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Signaling of Hepatocyte Growth Factor Receptor

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

