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Datasheet for ABIN2730884 Rhotekin Protein (RTKN) (Transcript Variant 1) (Myc-DYKDDDDK Tag)





Overview

Quantity:	20 µg
Target:	Rhotekin (RTKN)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Rhotekin protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Rhotekin / RTKN (transcript variant 1) 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:	Rhotekin (RTKN)
Alternative Name:	Rhotekin,rtkn (RTKN Products)
Background:	This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of

this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the

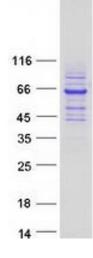
conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins

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Target Details

	regulate many important cellular processes, including cytokinesis, transcription, smooth muscle contraction, cell growth and transformation. Dysregulation of the Rho signal transduction pathway has been implicated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	62.5 kDa
NCBI Accession:	NP_001015055
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.

Images



Western Blotting

Image 1. Validation with Western Blot

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