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Datasheet for ABIN2713839 CDC42 Protein (Transcript Variant 3) (Myc-DYKDDDDK Tag)



Overview

Image

Quantity:20 µgTarget:CDC42Protein Characteristics:Transcript Variant 3Origin:HumanSource:HEK-293 CellsProtein Type:RecombinantPurification tag / Conjugate:This CDC42 protein is labelled with Myc-DYKDDDDK Tag.Application:Antibody Production (AbP), Standard (STD)Product Details• Recombinant human CDC42 (transcript variant 3) protein expressed in HEK293 cells. • Producet with end-sequenced ORF clonePurify:> 80 % as determined by SDS-PAGE and Coomassie blue stainingTarget DetailSCDC42Target:CDC42 (CDC42 Products)Alternative Name:Cdc42 (CDC42 Products)Background:The protein encoded by this gene is a small GTPase of the Rho-subfamily, which regulates signaling pathways that control diverse cellular functions including cell morphology, migration endocytosis and cell cycle progression. This protein is highly similar to Saccharomyces cerevisiae Cdc 42, and is able to complement the yeast cdc42-1 mutant. The product of		
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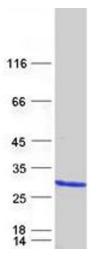
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Application Notes:	Recombinant human proteins can be used for:
Application Details	
	Downregulation, VEGF Signaling
	Muscle Fiber Development, Signaling Events mediated by VEGFR1 and VEGFR2, EGFR
	Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location, Skeletal
	Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell
Pathways:	MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR
NCBI Accession:	NP_001034891
Molecular Weight:	21.1 kDa
	identified on chromosomes 3, 4, 5, 7, 8 and 20.
	splicing of this gene results in multiple transcript variants. Pseudogenes of this gene have been
	Aldrich syndrome protein (N-WASP), which subsequently activates Arp2/3 complex. Alternative
	This protein could regulate actin polymerization through its direct binding to Neural Wiskott-
	oncogene Dbl was reported to specifically catalyze the dissociation of GDP from this protein.

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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