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Product datasheet for TP502044

Arhgdib (NM_007486) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rho, GDP dissociation inhibitor (GDI) beta (Arhgdib), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202044 protein sequence Red=Cloning site Green=Tags(s) MTEKDAQPQLEEADDDLDSKLNYKPPPQKSLKELQEMDKDDESLTKYKKTLLGDVPVVADPTVPNVTVTR LSLVCDSAPGPITMDLTGDLEALKKDTFVLKEGIEYRVKINFKVNKDIVSGLKYVQHTYRTGMRVDKATF MVGSYGPRPEEYEFLTPVEEAPKGMLARGTYHNKSFFTDDDKQDHLTWEWNLAIKKDWTE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	22.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031512
Locus ID:	11857
UniProt ID:	Q61599
RefSeq Size:	1202
Cytogenetics:	6 G1

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RefSeq ORF: 603

Synonyms: D4; Gdid; Gdid4; Ly-G; Ly-GDI

Summary: The protein encoded by this gene is a member of the Rho guanine nucleotide dissociation inhibitor (GDI) family. This gene is expressed at high levels in hematopoietic cells. This protein is cytosolic, and dissociation of Rho from this protein is required for membrane association and activation of Rho by Guanine Nucleotide Exchange Factors (GEFs). C-terminal truncations of this gene product have been reported to promote metastasis. Multiple transcript variants and protein isoforms exist. [provided by RefSeq, Aug 2014]