

Recombinant Mouse Arhgdib Protein, MYC/DDK-tagged

Cat. No. Arhgdib-646M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse Rho, GDP dissociation inhibitor (GDI) beta (Arhgdib), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	22.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Arhgdib Rho, GDP dissociation inhibitor \(GDI\) beta \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Arhgdib](#)

Synonyms Arhgdib; Rho, GDP dissociation inhibitor (GDI) beta; D4; Gdid4; Ly-GDI; rho GDP-dissociation inhibitor 2; rho GDI 2; rho-GDI beta

Gene ID [11857](#)

mRNA Refseq [NM_007486](#)

Protein Refseq [NP_031512](#)

UniProt ID [Q61599](#)

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