

Recombinant Mouse Gdi1 Protein, Myc/DDK-tagged

Cat. No. Gdi1-3182M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanosine diphosphate (GDP) dissociation inhibitor 1 (Gdi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them. Promotes the dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation. Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes.
Molecular Mass	50.5 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	Gdi1 guanosine diphosphate (GDP) dissociation inhibitor 1 [Mus musculus (house mouse)]
Official Symbol	Gdi1
Synonyms	Gdi1; guanosine diphosphate (GDP) dissociation inhibitor 1; GD; GDIA; GDIalpha; rab GDP dissociation inhibitor alpha; GDI-1; Rab GDIalpha; guanosine diphosphate dissociation inhibitor 1; rab GDI alpha
Gene ID	14567
mRNA Refseq	NM_010273
Protein Refseq	NP_034403
UniProt ID	P50396

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