

Recombinant Human GDI2 Protein, MYC/DDK-tagged

Cat. No. GDI2-636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDI2, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI2 is ubiquitously expressed. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	GDI2 GDP dissociation inhibitor 2 [Homo sapiens]
Official Symbol	GDI2
Synonyms	GDI2; GDP dissociation inhibitor 2; rab GDP dissociation inhibitor beta; rab GDP dissociation; RABGDIB; GDI-2; rab GDI beta; rab GDP-dissociation inhibitor, beta; guanosine diphosphate dissociation inhibitor 2; FLJ16452; FLJ37352;
Gene ID	2665
mRNA Refseq	NM_001494
Protein Refseq	NP_001485
MIM	600767
UniProt ID	P50395

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