

Recombinant Human GDI1 Protein, MYC/DDK-tagged

Cat. No. GDI1-640H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDI1 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. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.4 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	GDI1 GDP dissociation inhibitor 1 [Homo sapiens]
Official Symbol	GDI1
Synonyms	GDI1; GDP dissociation inhibitor 1; GDIL, MRX41, MRX48; rab GDP dissociation inhibitor alpha; FLJ41411; mental retardation; X linked 41; X linked 48; OPHN2; rab GDP dissociation inhibitor; alpha; RABGDIA; XAP 4; GDI-1; protein XAP-4; rab GDI alpha; oligophrenin-2; mental retardation, X-linked 48; rab GDP-dissociation inhibitor, alpha; guanosine diphosphate dissociation inhibitor 1; 1A; GDIL; MRX41; MRX48; XAP-4; RABGD1A;
Gene ID	2664
mRNA Refseq	NM_001493
Protein Refseq	NP_001484
MIM	300104
UniProt ID	P31150

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