

Recombinant Human GDI2, T7-tagged

Cat. No. GDI2-2972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDI2 (1-445 aa) is expressed in <i>E. coli</i> with a T7 tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-445 a.a.
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.
MW	50663 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Application	MS. SDS.

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GENE INFORMATION

Gene Name	GDI2 GDP dissociation inhibitor 2 [Homo sapiens]
Synonyms	GDI2; GDP dissociation inhibitor 2;GDI-2; OTTHUMP00000019014; guanosine diphosphate dissociation inhibitor 2; rab GDI beta; rab GDP dissociation inhibitor beta; rab GDP-dissociation inhibitor, beta
Gene ID	2665
mRNA Refseq	NM_001115156
Protein Refseq	NP_001108628
MIM	600767
UniProt ID	P50395
Chromosome Location	10p15
Pathway	Signaling by Rho GTPases
Function	GTPase activator activity; Rab GDP-dissociation inhibitor activity; protein binding

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