Recombinant Human GDI2 Protein (1-445 aa), His-tagged

Cat. No. GDI2-2332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDI2 Protein (1-445 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-445 aa
Description	Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from th, and the subsequent binding of GTP to th.
Form	Tris-based buffer,50% glycerol
Molecular Mass	52.7 kDa
AA Sequence	MNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLYKRFKI PGSPPESMGRGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTEGSFVYKG GKIYKVPSTEAEALASSLMGLFEKRRFRKFLVYVANFDEKDPRTFEGIDPKKTTMRD VYKKFDLGQDVIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARYGKSPYLYPL YGLGELPQGFARLSAIYGGTYMLNKPIEEIIVQNGKVIGVKSEGEIARCKQLICDPSYV KDRVEKVGQVIRVICILSHPIKNTNDANSCQIIIPQNQVNRKSDIYVCMISFAHNVAAQ GKYIAIVSTTVETKEPEKEIRPALELLEPIEQKFVSISDLLVPKDLGTESQIFISRTYDAT THFETTCDDIKNIYKRMTGSEFDFEEMKRKKNDIYGED

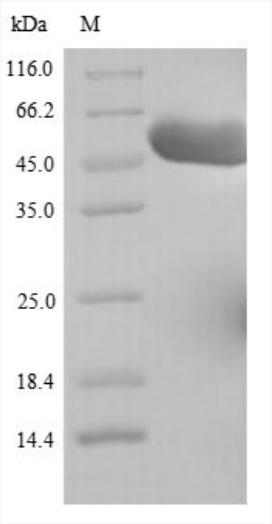
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	GDI2 GDP dissociation inhibitor 2 [Homo sapiens]
Official Symbol	GDI2
Synonyms	GDI2; GDP dissociation inhibitor 2; rab GDP dissociation; RABGDIB; GDI-2; rab GDI beta; FLJ16452; FLJ37352;
Gene ID	2665
mRNA Refseq	NM_001115156
Protein Refseq	NP_001108628
MIM	600767
UniProt ID	P50395

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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