

## 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**

```
MNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLTKRFKI
PGSPPEMGRGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTEGSFVYKG
GKIYKVPSTEAALASSLMGLFEKRRFRKFLVYVANFDEKDPRTFEGIDPKKTTMRD
VYKKFDLGQDVIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARYGKSPYLYPL
YGLGELPQGFARLSAIYGGTYMLNKPIEEIIVQNGKVIQVSEGEIARCKQLICDPSYV
KDRVEKVGQVIRVICILSHPIKNTNDANSCQIIIPQNQVNRKSDIYVCMISFAHNVAQA
GKYIAIVSTTVETKEPEKEIRPALELLEPIEQKFVSISDLLVPKDLGTESQIFISRTYDAT
THFETTCDDIKNIYKRMTGSEFDSEEMKRKKNDIYGED
```

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

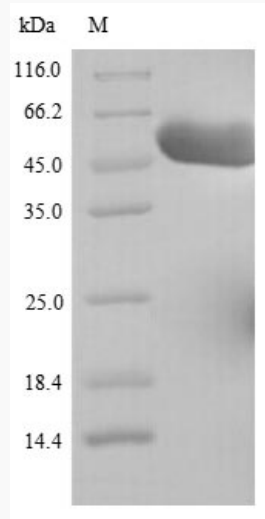
## GENE INFORMATION

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

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

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