

## Recombinant Human GDI2 Protein, GST-tagged

**Cat. No.** GDI2-4833H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GDI2 full-length ORF ( AAH05145.1, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	74.69 kDa
<b>AA Sequence</b>	MNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLYKRFKI PGSPPEMERGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVFTEGSFVYKGG KIYKVPSTEAELASSLMGLFEKRRFRKFLVYVANFDEKDPRTFEGIDPKKTTMRDV YKKFDLGQDVIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARYGKSPYLYPLY GLGELPQGFARLGAIIYGGTYMLNKPIEEIIVQNGKVIKSEGEIARCKQLICDPSYVK DRVEKVGQVIRVICILSHPIKNTNDANSCQIIPQNQVNRKSDIYVCMISFAHNVAQAQ

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KYIAIVSTTVETKEPEKEIRPALELLEPIEQKFVVISDLLVPKDLGTESQIFISRTYDATT  
HFETTCDDIKNIYKRMTGSEFDFEEMKRKKNDIYGED

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

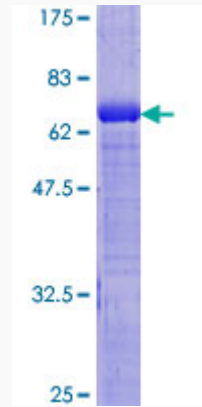
## GENE INFORMATION

<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 inhibitor beta; rab GDP dissociation; RABGDIB; GDI-2; rab GDI beta; rab GDP-dissociation inhibitor, beta; guanosine diphosphate dissociation inhibitor 2; FLJ16452; FLJ37352;
<b>Gene ID</b>	2665
<b>mRNA Refseq</b>	NM_001115156
<b>Protein Refseq</b>	NP_001108628
<b>MIM</b>	600767


UniProt ID

P50395

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA