Recombinant Human GBF1 Protein, GST-tagged

Cat. No. GBF1-4773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBF1 partial ORF (NP_004184.1, 101 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the Sec7 domain family. The encoded protein is a guanine nucleotide exchange factor that regulates the recruitment of proteins to membranes by mediating GDP to GTP exchange. The encoded protein is localized to the Golgi apparatus and plays a role in vesicular trafficking by activating ADP ribosylation factor 1. The encoded protein has also been identified as an important host factor for viral replication. Multiple transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]
Molecular Mass	37.73 kDa
AA Sequence	THEGTAEGMENMADAVTHARFVGTDPASDEVVLMKILQVLRTLLLTPVGAHLTNESV CEIMQSCFRICFEMRLSELLRKSAEHTLVDMVQLLFTRLPQFKEEPKNYVGT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

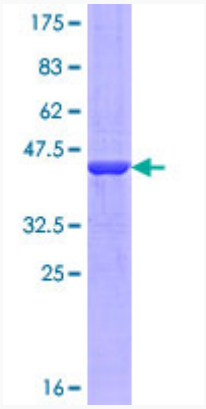
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GBF1 golgi brefeldin A resistant guanine nucleotide exchange factor 1 [Homo sapiens]
Official Symbol	GBF1
Synonyms	GBF1; golgi brefeldin A resistant guanine nucleotide exchange factor 1; golgi specific brefeldin A resistance factor 1; Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1; ARF1GEF; KIAA0248; BFA-resistant GEF 1; FLJ21263; FLJ21500; MGC134877; MGC134878;
Gene ID	8729
mRNA Refseq	NM_001199378
Protein Refseq	NP_001186307
MIM	603698
UniProt ID	Q92538

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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