

Recombinant Full Length Human GBP1 Protein, GST-tagged

Cat. No. GBP1-5522HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBP1 full-length ORF (AAH02666, 1 a.a. - 592 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	592 amino acids
Description	Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3. [provided by RefSeq
Molecular Mass	90.86 kDa
AA Sequence	MASEIHMTGPMCLIENTNGRLMANPEALKILSAITQPMVVVAIVGLYRTGKSYLMNKL AGKKKGFSLGSTVQSHTKGIWMWCVPHPKKPGHILVLLDTEGLGDVEKGDNQND WIFALAVLLSSTFVYNSIGTINQQAMDQLYYVTELTTHRIRSKSSPDENENEVEDSADF VSFFPDFVWTLRDFSLEADGQPLTPDEYLTYSLKLKKGTSQKDETFNLPRLCIRKF FPKKKCFVFDRPVHRRKLAQLEKLQDEELDPEFVQQVADFCSYIFSNSKTKTLSGGI QVNGPRLESLVLTYYVNAISSGDLPCMENAVLALAQIENSAAVQKAI AHYEQQMGQKV QLPTESLQELLDLHRDSEREAIEVFIRSSFKD VDH L FQKELAAQLEKKRDDFCQKQ EASSDRCSGLLQVIFSPLEEEVKAGIYSKPGGYRLFVQKLQDLKKKYEEPRKGIQA EEILQTYLKS KESMTDAILQTDQTLTEKEKEIEVERVKAESAQASAKMLQEMQRKNE

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	QMMEQKERSYQEHLKQLTEKMENDRVQLLKEQERTLALKLQEQEQLLKEGFQKES RIMKNEIQDLQTKMRRRKACTIS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	GBP1 guanylate binding protein 1, interferon-inducible [Homo sapiens]
Official Symbol	GBP1
Synonyms	GBP1; guanylate binding protein 1, interferon-inducible; guanylate binding protein 1, interferon inducible, 67kDa; interferon-induced guanylate-binding protein 1; GBP-1; huGBP-1; GTP-binding protein 1; guanine nucleotide-binding protein 1; guanylate binding protein 1, interferon-inducible, 67kDa;
Gene ID	2633
mRNA Refseq	NM_002053
Protein Refseq	NP_002044

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MIM	600411
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UniProt ID	P32455
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