

Recombinant Full Length Human GTPBP1 Protein, GST-tagged

Cat. No. GTPBP1-3421HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTPBP1 full-length ORF (ENSP00000334787, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	584 amino acids
Description	This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype. [provided by RefSeq]
Molecular Mass	89.8 kDa
AA Sequence	MDEGCGETIYVIGQGS DGTEYGLSEADMEASYATVK SMAEQIEADVILLRERQEAG GRVRDYLVRKRVGDNDFLEVRVAVVGNVDAGKSTLLGVLTHGELDN GRGFARQKL FRHKHEIESGR TSSVGN DILGFDSEGNV VNKPD SHGGSLEWTKICEKSTKVITFIDLA GHEKYLKTTVFGMTGHLPDFCMLMVGSNAGIVGMTKEHLGLALALNVPVFVVVTKID MCPANILQETLKL LQRLLKSPGCRKIPVLVQSKDDVIVTASNFS SERMCPIFQISNVTG ENLDLLKMFLNLLSPRTSYREEEPAEFQIDDTYSVPGVGT VVSGTTLRGLIKLNDTLL LGPDP LGNFLSIAVKS IHRK RMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLN PQASWEFEAEILVLHHP TTISPRYQAMVHCGSIRQTATILSMDKDCLRTGDKATVHF RFIKTPEYLHIDQRLVFREGRTKAVGTITKLLQTTNNSPMNSKPPQIKMQSTKKGPLT

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	KRDEGGPSGGPAVGAPPPGDEASSVGAGQPAASSNLQPQPKPSSGGRRRGQR HKVKSQGACVTPASGC
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 -8 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	GTPBP1 GTP binding protein 1 [Homo sapiens]
Official Symbol	GTPBP1
Synonyms	GTPBP1; GTP binding protein 1; GTP-binding protein 1; GP 1; HSPC018; G-protein 1; GP1; GP-1; MGC20069;
Gene ID	9567
mRNA Refseq	NM_004286
Protein Refseq	NP_004277
MIM	602245

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UniProt ID

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