

# Recombinant Full Length Human GTPBP1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human GTPBP1 full-length ORF ( ENSP00000334787, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	584 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	89.8 kDa
<b>AA Sequence</b>	MDEGCGETIYVIGQGS DGT EYGLSEADMEASYATVK SMAEQIEADVILLRERQEAG GRVRDYLVRKR VGD NDFLEVRVAVVGNVDAGKSTLLGVLTHGELDN GRGFARQKL FRHKHEIESGR TSSVGN DILGFDSEGNV VNKPD SHGGSLEWTKICEKSTKVITFIDLA GHEKYLKTTVFGMTGHLPDFCMLMVGSNAGIVGMTKEHLGLALALNVPVFVVVTKID MCPANILQETL KLLQRL LKSPGCRKIPVLVQSKDDVIVTASN FSSERMCP I FQISNVTG ENLDLLKMFLNLLSPRTSYREEEPAEFQIDDTYSVPGVGT VVSGTTLRGLIKLNDTLL LGPDPLGNFLSIAVKSIHRKMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLN PQASWEFEAEILVLHHP TTISPRYQAMVHCGSIRQTATILSMDKDCLRTGDKATVHF RFIKTPEYLHIDQRLVFREGRTKAVGTITKLLQTTNNSPMNSKPKQIKMQSTKKGPLT

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KRDEGGPSGGPAVGAPPPGDEASSVGAGQPAASSNLQPQPKPSSGGRRRRGGQR  
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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