

## Recombinant Human GTPBP1 Protein, GST-tagged

Cat. No. GTPBP1-4468H 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>	Wheat Germ
<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>	<p>MDEGCGETIYVIGQGS DGEYGLSEADMEASYATVKSM AEQIEADVILLRERQEAG            GRVRDYLVRKR VGDNDFLEVRVAVVGNVDAGKSTLLGVLTHGELDN GRGFARQKL            FRHKHEIESGRTSSVGN DILGFDSEGNVVKPDSHGGSLEWTKICEKSTKVITFIDLA            GHEKYLKTTVFGMTGHL PDCMLMVGSNAGIVGMTKEHLGLALALNVPVFVVVTKID            MCPANILQETL KLLQRLKSPGCRKIPVLVQSKDDVIVTASN FSSERMCPIFQISNV TG            ENLDLLKMFLNLLSP RTSYREEEPAEFQIDDTYSVPGVGT VVSGTTLRGLIKLNDTLL            LGPDPLGNFLSIAV KSIHRKMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLN            PQASWEFEAEILV LHHPTTISPRYQAMVHCGSIRQTATILSMDKDCLRTGDKATVHF            RFIKTPEYLHIDQ RLVFREGRTKAVGTITKLLQTTNNSPMNSKPQQIKMQSTKKGPLT            KRDEGGPSGGPA VGAPPPGDEASSVGAGQPAASSNLQPQPKPSSGGRRRGGQR</p>

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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

**UniProt ID**

O00178

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