

# Recombinant Full Length Human GTPBP10 Protein, GST-tagged

**Cat. No.** GTPBP10-3422HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Human GTPBP10 full-length ORF (BAC04573.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.

### Species

Human

### Source

In Vitro Cell Free System

### ProteinLength

387 amino acids

### Description

Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).[supplied by OMIM

### Molecular Mass

69.4 kDa

### AA Sequence

MVHCSCVLFKRYGNFIDKLRFLFTRGGSGGMGYPRLLGGEGGKGGDVVVVAQNRMT  
 LKQLKDRYPRKRFVAGVGVANSKISALKGSKGKDWEIPVPVGVISVTDENGKIIGELNKE  
 NDRILVAQGGGLGGKLLTNFLPLKGQKRIIHLDLKLIADVGLVGFNPAGKSSLLSCVSHA  
 KPAIADYAFTTLKPELGKIMYSDFKQISVADLPGLIEGAHMNKGMGHKFLKHIERTRQ  
 LLFVVDISGFQLSSHTQYRTAFETIILLTKELELYKEELQTKPALLAVNKMDLPDAQDK  
 FHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEIEELKNCIRKSLDEQA  
 NQENDALHKKQLLNLLWISDTMSSTEPSPKHAVTTSKMDII

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GTPBP10 GTP-binding protein 10 (putative) [ Homo sapiens ]
<b>Official Symbol</b>	GTPBP10
<b>Synonyms</b>	GTPBP10; GTP-binding protein 10 (putative); GTP-binding protein 10; DKFZP686A10121; FLJ38242; protein obg homolog 2; ObgH2; UG0751c10; MGC104191; DKFZp686A10121;
<b>Gene ID</b>	85865
<b>mRNA Refseq</b>	NM_001042717
<b>Protein Refseq</b>	NP_001036182
<b>MIM</b>	610920
<b>UniProt ID</b>	A4D1E9

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