

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	MVHCSCVLFRKYGNFIDKLRLFTRGGSGGMGYPRLGEGGGKGGDVWVVAQNRMT LKQLKDRYPRKRFRVAGVGANSKISALKGSKGKDWEIPVPVGISVTDENGKIIGELNKE NDRILVAQGGLGGKLLTNFLPLKGQKRIIHLDLKLIADVGLVGFNPAGKSSLLSCVSHA KPAIADYAFTTLKPELGKIMYSDFKQISVADLPGLIEGAHMNKGKMGHKFLKHIERTRQ LLFVVDISGFQLSSHTQYRTAFETIILLTKELELYKEELQTKPALLAVNKMDLPDAQDK FHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEGIEELKNCIRKSLDEQA NQENDALHKKQLLNWLWISDTMSSTEPSPSKHAVTTSKMDII

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

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