

Full-Length

GTPBP10 (Human) Recombinant Protein (P01)

Catalog # H00085865-P01

Size 50 ug

Specification

Product Description	Human GTPBP10 full-length ORF (BAC04573.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVHCSCVLFRKYGNFIDKLRLFTRGGSGMGYPRLGGEGGKGGDVWVVAQNRMTLKQLKDRYP RKRFVAGVGANSKISALKGSKGKDWEIPVPVGISVTDENGKIIGELNKENDRILVAQGGLGGKLLTN FLPLKGQKRIIHLDLKLIADVGLVGFPNAGKSSLLSCVSHAKPAIADYAFTTLKPELGKIMYSDFKQI SVADLPGLIEGAHMNKGMGHKFLKHIERTRQLLFVVDISGFQLSSHTQYRTAFETIILLTKELELYKE ELQTKPALLAVNKMDLPDAQDKFHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEGIE ELKNCIRKSLDEQANQENDALHKKQLNLWISDTMSSTEPPSKHAVTTSKMDII
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	69.4
Interspecies Antigen Sequence	Mouse (82); Rat (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — GTPBP10

Entrez GeneID	85865
GeneBank Accession#	AK095561.1
Protein Accession#	BAC04573.1
Gene Name	GTPBP10
Gene Alias	DKFZp686A10121, FLJ38242, MGC104191, ObgH2, UG0751c10
Gene Description	GTP-binding protein 10 (putative)
Omim ID	610920
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	GTP-binding protein 10