Recombinant Full Length Human GTPBP5 Protein, GST-tagged

Cat. No. GTPBP5-3426HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTPBP5 full-length ORF (NP_056481.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	406 amino acids
Description	Small G proteins, such as GTPBP5, 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	70.4 kDa
AA Sequence	MAPARCFSARLRTVFQGVGHWALSTWAGLKPSRLLPQRASPRLLSVGRADLAKHQ ELPGKKLLSEKKLKRYFVDYRRVLVCGGNGGAGASCFHSEPRKEFGGPDGGDGGN GGHVILRVDQQVKSLSSVLSRYQGFSGEDGGSKNCFGRSGAVLYIRVPVGTLVKEG GRVVADLSCVGDEYIAALGGAGGKGNRFFLANNNRAPVTCTPGQPGQQRVLHLEL KTVAHAGMVGFPNAGKSSLLRAISNARPAVASYPFTTLKPHVGIVHYEGHLQIAVADI PGIIRGAHQNRGLGSAFLRHIERCRFLLFVVDLSQPEPWTQVDDLKYELEMYEKGLS ARPHAIVANKIDLPEAQANLSQLRDHLGQEVIVLSALTGENLEQLLLHLKVLYDAYAE AELGQGRQPLRW

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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	GTPBP5 GTP binding protein 5 (putative) [Homo sapiens]
Official Symbol	GTPBP5
Synonyms	GTPBP5; GTP binding protein 5 (putative); GTP-binding protein 5; dJ1005F21.2; FLJ10741; ObgH1; protein obg homolog 1; GTP-binding protein 5 (putative); MGC29512;
Gene ID	26164
mRNA Refseq	NM_015666
Protein Refseq	NP_056481
MIM	610919
UniProt ID	Q9H4K7

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