

Recombinant Human GTPBP5, GST-tagged

Cat. No. GTPBP5-13610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GTPBP5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
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]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GTPBP5 GTP binding protein 5 (putative) [Homo sapiens]
Official Symbol	GTPBP5

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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
Chromosome Location	20q13.33
Function	GTP binding; GTPase activity; magnesium ion binding; nucleotide binding;