

Recombinant Human GTPBP6 protein, His-tagged

Cat. No. GTPBP6-13611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GTPBP6 protein(1-403 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-403 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MTRAEWQVAEATALVHTLDGWSVVQTMVVSTKTPDRKLIFGKGNFTEHLTEKIRGSP DVTCVFLNVERMAAPTCKKELEAAWGVEVFDRFTVVLHIFRCNARTKEARLQVALAE MPLHRSNLKRDVAHLYRGVGSRYIMSGESFMQLQQRLLREKEAKIRKALDRLRKK RHLLRRQRTRREFPVISVVGYNCGKTTLIKALTGDAAIQPRDQLFATLDVTAHAGTL PSRMTVLYVDITIGFLSQLPHGLIESFSATLEDVAHSDLILHVRDVSHPEAELQKCSVL STLRGLQLPAPLLDSMVEVHNKVLDLVPGYSPTEPNVVPVSALRGHGLQELKAELDA AVLKATGRQILTLRVRLAGAQLSWLYKEATVQEVDVIPEDGAADV RVIIISNSAYGKFR KLFPG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name GTPBP6 GTP binding protein 6 (putative) [Homo sapiens]

Official Symbol GTPBP6

Synonyms GTP binding protein 6 (putative); 30189; Ensembl:ENSG00000178605; FLJ20977, FLJ22809, FLJ56662, FLJ56805, FLJ90047; putative GTP-binding protein 6; PGPL

Gene ID 8225

mRNA Refseq NM_012227.2

Protein Refseq NP_036359.2

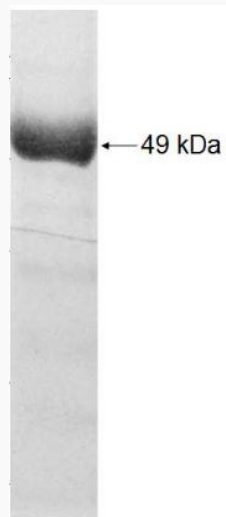
MIM 300124

UniProt ID O43824

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SDS-PAGE

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