

Product datasheet for **TP305663M**

GTPBP5 (MTG2) (NM_015666) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human GTP binding protein 5 (putative) (GTPBP5), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC205663 protein sequence
Red=Cloning site **Green**=Tags(s)

MAPARCF SARLRTVFQGVGHWALSTWAGLKPSRLLPQRASPRLLSVGRADLAKHQELPGKLLSEKLLKR
YFVDYRRVLVCGGNGGAGASCFHSEPRKEFGGPDGGDGGNGGHVILRVDQQVKSLSSVLSRYQGFSGEDG
GSKNCFGRSGAVLYIRVPVGTLVKEGGRVWADLSCVGDEYIAALGGAGGKGNRFFLANNNRAPVTCTPGQ
PGQQRVLHLELKTVAHAGMVGFPNAGKSSLLRAISNARPAVASYPFTTLKPHVGIVHYEGHLQIAVADIP
GIIRGAHQNRGLGSAFLRHIERCRFLLFVVDLSQPEPWTQVDDLKYELEMYEKGLSARPHAIVANKIDL
EAQANLSQLRDHLGQEVIVLSALTGENLEQLLLHLKVLYDAYAEAELGQGRQPLRW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_056481](#)

Locus ID: 26164



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UniProt ID:	Q9H4K7
RefSeq Size:	2949
Cytogenetics:	20q13.33
RefSeq ORF:	1218
Synonyms:	dj1005F21.2; GTPBP5; ObgH1
Summary:	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, Mar 2008]

Product images:



Coomassie blue staining of purified MTG2 protein (Cat# [TP305663]). The protein was produced from HEK293T cells transfected with MTG2 cDNA clone (Cat# [RC205663]) using MegaTran 2.0 (Cat# [TT210002]).