

Product datasheet for TP305663

OriGene Technologies, Inc.

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GTPBP5 (MTG2) (NM 015666) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Recombinant protein of human GTP binding protein 5 (putative) (GTPBP5), 20 µg **Description:**

Species: Human HEK293T **Expression Host:**

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

> MAPARCFSARLRTVFQGVGHWALSTWAGLKPSRLLPQRASPRLLSVGRADLAKHQELPGKKLLSEKKLKR YFVDYRRVLVCGGNGGAGASCFHSEPRKEFGGPDGGDGGNGGHVILRVDQQVKSLSSVLSRYQGFSGEDG GSKNCFGRSGAVLYIRVPVGTLVKEGGRVVADLSCVGDEYIAALGGAGGKGNRFFLANNNRAPVTCTPGQ PGQQRVLHLELKTVAHAGMVGFPNAGKSSLLRAISNARPAVASYPFTTLKPHVGIVHYEGHLQIAVADIP GIIRGAHQNRGLGSAFLRHIERCRFLLFVVDLSQPEPWTQVDDLKYELEMYEKGLSARPHAIVANKIDLP EAQANLSQLRDHLGQEVIVLSALTGENLEQLLLHLKVLYDAYAEAELGQGRQPLRW

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

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.

Store at -80°C. Storage:

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





GTPBP5 (MTG2) (NM_015666) Human Recombinant Protein - TP305663

UniProt ID: Q9H4K7

RefSeq Size: 2949

Cytogenetics: 20q13.33

RefSeq ORF: 1218

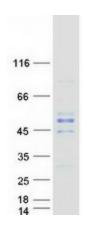
Synonyms: dJ1005F21.2; GTPBP5; ObgH1

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]).