

Product datasheet for **TP300836M**

GTPBP3 (NM_032620) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GTP binding protein 3 (mitochondrial) (GTPBP3), nuclear gene encoding mitochondrial protein, transcript variant V, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200836 protein sequence Red =Cloning site Green =Tags(s)

MWRGLWTLAAQAARGPRLCTRSSGAPAPGSGATIFALSSGQGRCGIAVIRTSGPASGHALRILTAPRD
LPLARHASLRLLSDPRSGEPLDRALVLFWPGPQSFTGEDCVFHVHGGPAVSGVLQALGSVPGLRPAEA
GEFTRRAFANGKLNLTEVEGLADLIHAETEAQRRQALRQLDGLGHLCRGWAETLTKALAHVEAYIDFGE
DDNLEEGVLEQADIEVRALQVALGAHLRDARRGQRLRSGVHVWVTGPPNAGKSSLVNLLSRKPVSVISPE
PGTTRDVLETPVDLAGFPVLLSDTAGLREGVGPVEQEGVRRARERLEQADLILAMLDAASDLASPSSCNFL
ATVVASVGAQSPSDSSQHLLLVLNKSDLLSPEGPGPDLPPHLLSCLTGEGLDGLLEALRKELAAVCG
DPSTDPPLLTRARHQHHLQGCLDALGHYKQSKDLALAAEALRVARGHLRLTGGGGTEEILDIIIFQDFCV
GK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	51.9 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.



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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_116009
Locus ID:	84705
UniProt ID:	Q969Y2
RefSeq Size:	2612
Cytogenetics:	19p13.11
RefSeq ORF:	1476
Synonyms:	COXPD23; GTPBG3; MSS1; MTGP1; THDF1
Summary:	This locus encodes a GTP-binding protein. The encoded protein is localized to the mitochondria and may play a role in mitochondrial tRNA modification. Polymorphisms at this locus may be associated with severity of aminoglycoside-induced deafness, a disease associated with a mutation in the 12S rRNA. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Sep 2010]

Product images:



Coomassie blue staining of purified GTPBP3 protein (Cat# [TP300836]). The protein was produced from HEK293T cells transfected with GTPBP3 cDNA clone (Cat# [RC200836]) using MegaTran 2.0 (Cat# [TT210002]).