

Product datasheet for **TP315103**

GTPBP1 (NM_004286) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GTP binding protein 1 (GTPBP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215103 representing NM_004286 Red =Cloning site Green =Tags(s)

MATERSRSAMDSPVPASMFAPSPSPGAARAAAAAARLHGGFSDSCSEGEALNGEPELDLTSKLVLVSP
TSEQYDSSLRQMWERMDEGCGETIYVIGQSGDTEYGLSEADMEASYATVKMAEQIEADVILLRERQEA
GGRVRDYLVKRKVGDNDFLEVRVAVVGNVDAGKSTLLGVLTHGELDNNGRGFARQKLFHRKHIEESGRTSS
VGNLILGFDSEGNVWNKPD SHGGSLWTKICEKSTKVITFIDLAGEKYLKTTVFGMTGHLPDFCMLMVG
SNAGIVGMTKEHLGLALALNVPVFWVTKIDMCPANILQETLKLQRLKSPGCRKIPVLVQSKDDVIVT
ASNFSSECMCPFIQISNVTGENLDLLKMFLNLLSPRTSYREEEPAEFQIDDTYSVPGVGTVVSGTTLRGL
IKLNDTLLLGPDP LGNFLSIAVKS IHRKRMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLNPQASW
EFEAEILVHHPTTISPRYQAMVHCGSIRQTATILSMDKDCLRGTGDKATVHFRFIKTPEYLHIDQRLVFR
EGRTKAVGTITKLLQTTNNSPMNSKPQQIKMQSTKKGPLTKRDEGGPSGGPAVGAPPPGDEASSVGAGQP
AASSNLQPQPKPSSGRRRRGGQRHKVKSQGACVTPASGC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

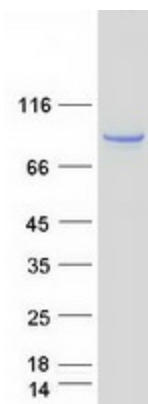
Tag:	C-Myc/DDK
Predicted MW:	72.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_004277
Locus ID:	9567
UniProt ID:	O00178
RefSeq Size:	5074
Cytogenetics:	22q13.1
RefSeq ORF:	2007
Synonyms:	GP-1; GP1; HSPC018
Summary:	This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified GTPBP1 protein (Cat# TP315103). The protein was produced from HEK293T cells transfected with GTPBP1 cDNA clone (Cat# [RC215103]) using MegaTran 2.0 (Cat# [TT210002]).