

## Product datasheet for TP509901

### Gtpbp1 (NM\_013818) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse GTP binding protein 1 (Gtpbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR209901 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAERSRSPVDSPVPASMFAPSPGAARAAAAAARLHGGFSDSCSEEDGEALNGEPELDLTSKLVLVSP TSEQYDSSLRQMWERMDEGCGETIYVIGQSGDTEYGLSEADMEASYATVKSMAEQIEADVILLRERQEA GGRVRDYLVRKRVGDNDFLEVRVAVVGNVDAGKSTLLGVLTHGELDNGRGFARQKLFRRHKHEIESGRTSS VGNLILGDFDSEGNVVKPDSHGGSLWTKICEKSSKVFIDLAGHEKYLKTTVFGMTGHLPDFCMLMVG SNAGIVGMTKEHLGLALALNVPVFWVTKIDMCPANILQETLKLLQRLLKSPGCRKIPVLVQSKDDVIVT ASNFFSERMCPFIQISNVTGENLDLLKMFLNLLSPRTSYREEPAEFQIDDTYSVPGVGTVSGTTLRGL IKLNDTLLLGPDPGLNFLSIAVKSIHRKRMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLNPQASW EFEAEILVHHPTTISPRYQAMVHCGSIRQTATILSMKDCLRTGDKATVHFRFIKTPEYLHIDQRLVFR EGRTKAVGTITKLLQTTNNSPMNSKPQQIKMQSTKKGPLSKREEGGPCGVPAAGGPPTGDEASSLGTAAQ ASTSGLQPQPKPSSGGRRRGQRHKVKSGACVTPASGC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	72.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<u>NP_038846</u>
Locus ID:	14904
UniProt ID:	<u>O08582</u>
RefSeq Size:	3444
Cytogenetics:	15 E1
RefSeq ORF:	2007
Synonyms:	AL022987; AW045683; C85212; GP-1; Gtpbp
Summary:	Promotes degradation of target mRNA species. Plays a role in the regulation of circadian mRNA stability. Binds GTP and has GTPase activity (By similarity).[UniProtKB/Swiss-Prot Function]