

Product datasheet for TP522396

Gmps (NM_001033300) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanine monophosphate synthetase (Gmps), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222396 representing NM_001033300 Red=Cloning site Green=Tags(s)

MALCNGDSKPENAGGDLKDGSHHYEGAVILDAGAQYGKVIDRRVRELFVQSEIFPLETPAFAIKEQGFR
AIIISGGPNSVYAEDAPWFDPAIFTIGKPILGICYGMQMMNKVFGGTVHKKSVREDFVFNISMDNTCSLF
RGLQKEEIVLLTHGDSVDKQVADGFKVVARSGNIVAGIANESKKLYGVQFHPEVGLTENGKVLKNFLYDI
AGCSGNFTVQNRELECIREIKEKVGTSKVLVLLSGGVDSTVCTALLNRALNQDQVIHAVHIDNGFMRKRES
QSVEEALKKLGIVKVINAAHSFYNGTTLPISDEDRTPRKRISKTLNMTTSPEEKRKIIIGDTFVKIANE
VIGEMSLKPEEVFLAQGTLRPDLIESASLVASGKAELIKTHHNDTELIRKLREEGKVIPLKDFHKDEVR
ILGRELDPEELVSRHPFPGPLAIRVICAEEPYICKDFPETNNILKIVADFSASVKKPHTLLQRVKACT
TEEDQEKLMLQITSLHSLNAFLLPKTVGVQGDRCRSYSVCGISSKDEPDWESLIFLARLIPRMCHNINRV
VYIFGPPVKEPPTDVTPTFLTTLGVLSTLRQADFEAHNILRESGFAGKISQMPVILPLHFDRDPLQKQPS
CQRSVIRTFITSDFMGTGVPATPGNEIPVEVVLKVMVTEIKKIPGISRIMYDLTSPKPGTTEWE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	77.2 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
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 after receiving vials.
Stability:	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: [NP_001028472](#)

Locus ID: 229363

UniProt ID: [Q3THK7](#), [B2RRH9](#)

RefSeq Size: 4567

Cytogenetics: 3 E1

RefSeq ORF: 2079

Synonyms: 670032; AA591640; AI047208; Gm9479

Summary: Involved in the de novo synthesis of guanine nucleotides which are not only essential for DNA and RNA synthesis, but also provide GTP, which is involved in a number of cellular processes important for cell division.[UniProtKB/Swiss-Prot Function]