

Product datasheet for **TP504065**

Gem (NM_010276) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GTP binding protein (gene overexpressed in skeletal muscle) (Gem), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204065 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTLNNVTMRQGTVGMQPQQRWSIPADARHLMVQKDPHPCNLRNRHSTAPEEHCRRSWSSDSTDSVISSS GNTYYRWVLIGEQQVGVKSTLANIFAGVHDSMDSCEVLGEDTYERTLVVDGESATIILLDMWENKGENEW LHDHCMQVGDAYLIVYSITDRASFELKASLRQLRRARQTEDIPIILVGNKSDLVRCREVSVSEGRACAV VFDCKFIETSAAVQHNVKELFEGIVRQVRLRRDSKEKNERRLAYQKRRESIPRKARRFWGKIVAKNNKNNM AFKLLKSKSCHDLSVL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	33.7 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.
RefSeq:	NP_034406
Locus ID:	14579
UniProt ID:	P55041 , Q3TH76



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RefSeq Size: 2257

Cytogenetics: 4 5.34 cM

RefSeq ORF: 888

Synonyms: AV020497

Summary: Could be a regulatory protein, possibly participating in receptor-mediated signal transduction at the plasma membrane. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity.[UniProtKB/Swiss-Prot Function]