

## Product datasheet for **TP500060**

### Gng5 (NM\_010318) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanine nucleotide binding protein (G protein), gamma 5 (Gng5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200060 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSGSSSVAAMKKVQQLRLEAGLNRVKVSQAADLKQFCLQNAQHDP LLTGVSSTNPF RPQKVC SFL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	7.3 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
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:	<a href="#">NP_034448</a>
Locus ID:	14707
UniProt ID:	<a href="#">Q80SZ7</a> , <a href="#">Q3UKC8</a>
RefSeq Size:	535
Cytogenetics:	3 H2
RefSeq ORF:	207



[View online »](#)

**Synonyms:** G(y)5

**Summary:** Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.  
[UniProtKB/Swiss-Prot Function]