

Product datasheet for TP501610

Rgs8 (NM_026380) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of G-protein signaling 8 (Rgs8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201610 protein sequence Red =Cloning site Green =Tags(s)
	MAALLMPRRNKGMRTRLGCLSHKSDSCSDFTAILPDKPNRALKRLSTEEATRWAESFDVLLSHKYGVAAF RAFLKTEFSEENLEFWLACEEFKTRSTAKLVTKAHRIFEEFVDVQAPREVNIDFQTREATRKNMQEPSL TCFDQAQGVHSLMEKDSYPRFLRSKMYLDLLSQSQRRLS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	21 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_080656
Locus ID:	67792
UniProt ID:	Q8BXT1
RefSeq Size:	5827
Cytogenetics:	1 65.41 cM



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RefSeq ORF: 543

Synonyms: 6530413N01Rik

Summary: Regulates G protein-coupled receptor signaling cascades, including signaling via muscarinic acetylcholine receptor CHRM2 and dopamine receptor DRD2. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Modulates the activity of potassium channels that are activated in response to DRD2 and CHRM2 signaling.[UniProtKB/Swiss-Prot Function]