

## Product datasheet for TP520775

### Rgs10 (NM\_026418) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of G-protein signalling 10 (Rgs10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220775 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MFTRAVSRLSRKRPPSDIHDGDGSSSSGHQSLKSTAKWASSENLLLEDPEGVQRFREFLKKEFSEENVLF WLACEDFKKTEDRKQMQEKAKEIYMTFLSNKASSQVNVVEGQSRLTEKILEEPHPLMFQKLQDQIFNLMKY DSYSRFLKSDLFLKPKRTEEEEEPPDAQTAAKRASRIYNT  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	21.2 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.
RefSeq:	<u><a href="#">NP_080694</a></u>
Locus ID:	67865
UniProt ID:	<u><a href="#">Q9CQE5</a></u> , <u><a href="#">Q32MD7</a></u>
RefSeq Size:	875
Cytogenetics:	7 F3



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RefSeq ORF: 546

Synonyms: 2310010N19Rik

**Summary:** Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the muscarinic acetylcholine receptor CHRM2. 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 CHRM2 signaling. Activity on GNAZ is inhibited by palmitoylation of the G-protein. [UniProtKB/Swiss-Prot Function]