

Product datasheet for **TP502389**

Rgs19 (NM_026446) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of G-protein signaling 19 (Rgs19), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202389 protein sequence Red =Cloning site Green =Tags(s)
	MPTPHEAEKQHTGP EEADRPPSMSSHDAAPSGPPSRNPCCLCWCCCCSCSWNQERQRAWQVSRESKLQPL PSCEVCTPPSP EEVQSWAQ SFDKLMHSPTGRSVFRAFLRTEYSEENMLFWLACEELKAEANQHVVDEKAR LIYEDYVSILSPKEVSLDSRVREGINRKMQEPSPHTFDDAQLQIYTLMHRDSYPRFLTSP TYRSLLLQGA PQSSEA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.7 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_080722
Locus ID:	56470
UniProt ID:	Q9CX84 , Q78NN4
RefSeq Size:	1514



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Cytogenetics: 2 103.72 cM

RefSeq ORF: 651

Synonyms: 2610042F04Rik; AI324841; AW547781; GAIP

Summary: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G-alpha subfamily 1 members, with the order G(i)a3 > G(i)a1 > G(o)a >> G(z)a/G(i)a2. Activity on G(z)-alpha is inhibited by phosphorylation and palmitoylation of the G-protein (By similarity).[UniProtKB/Swiss-Prot Function]