

## Product datasheet for TP502147

### Rgs4 (NM\_009062) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of G-protein signaling 4 (Rgs4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202147 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MCKGLAGLPASCLRSAKDMKHLRGLLQKSDSCEHSSSHSKKDKWTCQRVSQEEVKKWAESLENLIHHE CGLAAFKAFKSEYSEENIDFWISCEEYKKIKSPSKLSPKAKKIYNEFISVQATKEVNLDSTREETS RN MLQPTITCFDEAQKKIFNLMEKDSYRRFLKSRFYDLTNPSSCGAEKQKGAKSSADCTSLVSQCA
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	23.3 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_033088</a>
Locus ID:	19736
UniProt ID:	<a href="#">O08899</a> , <a href="#">Q5D078</a>
RefSeq Size:	2952
Cytogenetics:	1 76.84 cM



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RefSeq ORF: 618

Synonyms: AA004315; AA597169; ESTM48; ESTM50

Summary: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(z)-alpha is inhibited by phosphorylation of the G-protein. Activity on G(z)-alpha and G(i)-alpha-1 is inhibited by palmitoylation of the G-protein (By similarity).[UniProtKB/Swiss-Prot Function]