

Recombinant Mouse Rgs10 Protein, Myc/DDK-tagged

Cat. No. Rgs10-5490M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signalling 10 (Rgs10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	21.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rgs10 regulator of G-protein signalling 10 [Mus musculus (house mouse)]

Official Symbol Rgs10

Synonyms RGS10; regulator of G-protein signalling 10; regulator of G-protein signaling 10; 2310010N19Rik; MGC129414

Gene ID 67865

mRNA Refseq NM_026418

Protein Refseq NP_080694

UniProt ID Q9CQE5

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