

Recombinant Mouse Rgs8 Protein, Myc/DDK-tagged

Cat. No. Rgs8-5501M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signaling 8 (Rgs8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	21 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rgs8 regulator of G-protein signaling 8 [Mus musculus (house mouse)]
Official Symbol	Rgs8
Synonyms	Rgs8; regulator of G-protein signaling 8; 6530413N01Rik; regulator of G-protein signaling 8
Gene ID	67792
mRNA Refseq	NM_026380
Protein Refseq	NP_080656
UniProt ID	Q8BXT1

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