

Recombinant Mouse Rgs4 Protein, Myc/DDK-tagged

Cat. No. Rgs4-5499M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signaling 4 (Rgs4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.3 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	Rgs4 regulator of G-protein signaling 4 [Mus musculus (house mouse)]
Official Symbol	Rgs4
Synonyms	RGS4; regulator of G-protein signaling 4; ESTM48; ESTM50; AA004315; AA597169
Gene ID	19736
mRNA Refseq	NM_009062
Protein Refseq	NP_033088
UniProt ID	O08899

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