

Recombinant Mouse Rgs19 Protein, Myc/DDK-tagged

Cat. No. Rgs19-5495M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signaling 19 (Rgs19), 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. 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.
Molecular Mass	24.7 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	Rgs19 regulator of G-protein signaling 19 [Mus musculus (house mouse)]
Official Symbol	Rgs19
Synonyms	RGS19; regulator of G-protein signaling 19; G-alpha interacting protein; GAIP; AI324841; AW547781; 2610042F04Rik
Gene ID	56470
mRNA Refseq	NM_026446
Protein Refseq	NP_080722
UniProt ID	Q9CX84

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