

Recombinant Mouse Rgs3 Protein, Myc/DDK-tagged

Cat. No. Rgs3-5498M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signaling 3 (Rgs3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases.
Molecular Mass	106.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rgs3 regulator of G-protein signaling 3 [Mus musculus (house mouse)]
Official Symbol	Rgs3
Synonyms	RGS3; regulator of G-protein signaling 3; C2 membrane binding, PDZ protein/protein interaction, ATP/GTP binding domains; C2pa; RGS3S; PDZ-RGS3; C2PA-RGS3; 4930506N09Rik
Gene ID	50780
mRNA Refseq	NM_134257
Protein Refseq	NP_599018
UniProt ID	Q9DC04

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