

Recombinant Mouse Rgs16 Protein, Myc/DDK-tagged

Cat. No. Rgs16-5494M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulator of G-protein signaling 16 (Rgs16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Plays an important role in the phototransduction cascade by regulating the lifetime and effective concentration of activated transducin alpha. May regulate extra and intracellular mitogenic signals.
Molecular Mass	22.7 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	Rgs16 regulator of G-protein signaling 16 [Mus musculus (house mouse)]
Official Symbol	Rgs16
Synonyms	RGS16; regulator of G-protein signaling 16; RGS-R; A28-RGS14P; retinal-specific RGS; retinally abundant regulator of G-protein signaling; Rgsr; Rgs14
Gene ID	19734
mRNA Refseq	NM_011267
Protein Refseq	NP_035397
UniProt ID	P97428

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