Recombinant Mouse Arhgap15 Protein, Myc/DDK-tagged

Cat. No. Arhgap15-1679M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Rho GTPase activating protein 15 (cDNA clone MGC:41314 IMAGE:3468639), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a RAC GTPase-activating protein that is regulated through its PH domain and by recruitment to the membrane. The protein accelerates hydrolysis of guanosine triphosphate to guanosine diphosphate to repress Rac activity. Knock-out of Arhgap15 function demonstrates that this gene is required to regulate multiple functions in macrophages and neutrophils. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	51.8 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Arhgap15 Rho GTPase activating protein 15 [Mus musculus (house mouse)]
Official Symbol	Arhgap15
Synonyms	Arhgap15; Rho GTPase activating protein 15; 5830480G12Rik; rho GTPase-activating protein 15; rho-type GTPase-activating protein 15
Gene ID	76117
mRNA Refseq	NM_153820
Protein Refseq	NP_722542
UniProt ID	Q811M1

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