Recombinant Mouse Arhgef15 Protein, Myc/DDK-tagged

Cat. No. Arhgef15-1692M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Rho guanine nucleotide exchange factor (GEF) 15 (Arhgef15), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Specific GEF for RhoA activation. Does not activate RAC1 or CDC42. Regulates vascular smooth muscle contractility. Negatively regulates excitatory synapse development by suppressing the synapse-promoting activity of EPHB2.
Molecular Mass	92.9 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	Arhgef15 Rho guanine nucleotide exchange factor (GEF) 15 [Mus musculus (house mouse)]
Official Symbol	Arhgef15
Synonyms	ARHGEF15; Rho guanine nucleotide exchange factor (GEF) 15; rho guanine nucleotide exchange factor 15; ephexin-5; E5; D130071N09; D530030K12Rik; RP23-396M19.6; MGC102247; MGC144141; MGC144142
Gene ID	442801
mRNA Refseq	NM_177566
Protein Refseq	NP_808234
UniProt ID	Q5FWH6

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