

Recombinant Mouse Arhgap45 Protein, Myc/DDK-tagged

Cat. No. Arhgap45-1687M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Rho GTPase activating protein 45 (Arhgap45), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Contains a GTPase activator for the Rho-type GTPases (RhoGAP) domain that would be able to negatively regulate the actin cytoskeleton as well as cell spreading. However, also contains N-terminally a BAR-domain which is able to play an autoinhibitory effect on this RhoGAP activity.
Molecular Mass	123.3 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	Arhgap45 Rho GTPase activating protein 45 [Mus musculus (house mouse)]
Official Symbol	Arhgap45
Synonyms	Arhgap45; Rho GTPase activating protein 45; Ha-1; Hmha; Hmha1; AW539505; 6330406L22Rik; rho GTPase-activating protein 45; histocompatibility (minor) HA-1; minor histocompatibility protein HA-1
Gene ID	70719
mRNA Refseq	NM_001142701
Protein Refseq	NP_001136173
UniProt ID	Q3TBD2

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