

Recombinant Mouse Arhgap17 Protein, His-tagged

Cat. No. Arhgap17-245M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Arhgap17 Protein (Gln14-Phe442) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln14-Phe442
Description	Predicted to enable GTPase activator activity. Predicted to be involved in regulation of Rac protein signal transduction and regulation of actin cytoskeleton organization. Predicted to act upstream of or within actin filament organization and calcium-ion regulated exocytosis. Located in plasma membrane. Is expressed in limb and limb mesenchyme. Orthologous to human ARHGAP17 (Rho GTPase activating protein 17).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.2 kDa Accurate Molecular Mass: 52 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Arhgap17 Rho GTPase activating protein 17 [Mus musculus (house mouse)]
Official Symbol	Arhgap17
Synonyms	Arhgap17; Rho GTPase activating protein 17; Rich1; Wbp15; Nadrin; Nadrin2; 5730403H17Rik; rho GTPase-activating protein 17; WW domain-binding protein 15; neuron-associated developmentally regulated protein; rho-type GTPase-activating protein 17
Gene ID	70497
mRNA Refseq	NM_144529
Protein Refseq	NP_653112
UniProt ID	Q3UIA2