

Recombinant Mouse Arhgap29 Protein, His-tagged

Cat. No. Arhgap29-246M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Arhgap29 Protein (Ile192-Glu462) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile192-Glu462
Description	Predicted to enable GTPase activator activity and PDZ domain binding activity. Predicted to be involved in activation of GTPase activity. Predicted to be part of protein-containing complex. Predicted to be active in cytoplasm. Is expressed in several structures, including 1st branchial arch; facial prominence; meninges; oral epithelium; and skin. Orthologous to human ARHGAP29 (Rho GTPase activating protein 29).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35 kDa Accurate Molecular Mass: 35 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	Arhgap29 Rho GTPase activating protein 29 [Mus musculus (house mouse)]
Official Symbol	Arhgap29
Synonyms	ARHGAP29; Rho GTPase activating protein 29; rho GTPase-activating protein 29; PTPL1-associated RhoGAP 1; rho-type GTPase-activating protein 29; Parg1; C76601; AU040217; A830014I19; 6720461J18Rik; B130017I01Rik
Gene ID	214137
mRNA Refseq	NM_172525
Protein Refseq	NP_766113
UniProt ID	Q8CGF1

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