

## Recombinant Mouse Arhgap29 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Arhgap29 Protein (Ile192-Glu462) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile192-Glu462
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 35 kDa Accurate Molecular Mass: 35 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	Arhgap29 Rho GTPase activating protein 29 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Arhgap29
<b>Synonyms</b>	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
<b>Gene ID</b>	214137
<b>mRNA Refseq</b>	NM_172525
<b>Protein Refseq</b>	NP_766113
<b>UniProt ID</b>	Q8CGF1

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