

Recombinant Mouse ADP-ribosylarginine Hydrolase, His-tagged

Cat. No. Adprh-2064M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ARH1 produced in <i>E. coli</i> fused at the C-terminus to a His-tag.
Species	Mouse
Source	<i>E. coli</i>
Description	ADP-ribosylation is a posttranslational modification of proteins that involves the addition of one or more ADP-ribose moieties. These reactions are involved in cell signaling and the control of many cell processes, including DNA repair and apoptosis.
Source/Host	<i>E. coli</i> .
Purity	≥98%.
Application	Functional Application (1:10-1:100): Hydrolysis of ADP-ribosylarginine and proteins ADP-ribosylated on arginine residues.
Purity Detail	Affinity purified.
Formulation	Liquid. In PBS containing 50% glycerol.
Concentration	1mg/ml.
Short Term Storage	-20°C.

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Long Term Storage -80°C.

Handling Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name [Adprh ADP-ribosylarginine hydrolase \[Mus musculus \]](#)

Synonyms ADP-ribosylarginine hydrolase; Arh1; Adprh; [Protein ADP-ribosylarginine] hydrolase; ADP-ribose-L-arginine cleaving enzyme

Gene ID [11544](#)

mRNA Refseq [NM_007414](#)

Protein Refseq [NP_031440](#)

UniProt ID [P54923](#)

Chromosome Location 16 B4

Function ADP-ribosylarginine hydrolase activity; hydrolase activity; magnesium ion binding

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