

Recombinant Human ADP-ribosylarginine Hydrolase, His-tagged

Cat. No. ADPRH-2063H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARH1 produced in <i>E. coli</i> fused at the C-terminus to a His-tag.
Species	Human
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 \[Homo sapiens \]](#)

Synonyms ADP-ribosylarginine hydrolase; ARH1; ADPRH; [Protein ADP-ribosylarginine] hydrolase; ADP-ribose-L-arginine cleaving enzyme; EC 3.2.2.19

Gene ID [141](#)

mRNA Refseq [NM_001125](#)

Protein Refseq [NP_001116](#)

MIM [603081](#)

UniProt ID [P54922](#)

Chromosome Location 3q13.31-q13.33

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

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