

Recombinant Human ADPRH, His-tagged

Cat. No. ADPRH-9438H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADPRH protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-357a.a.
Description	The enzyme encoded by this gene catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. Unlike the rat and mouse enzymes, which require DTT for maximal activity, the human enzyme is DTT-independent.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	ADPRH ADP-ribosylarginine hydrolase [Homo sapiens]
Official Symbol	ADPRH
Synonyms	ADPRH; ADP-ribosylarginine hydrolase; [Protein ADP-ribosylarginine] hydrolase; ARH1; ADP-ribose-L-arginine cleaving enzyme;
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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