

[Go to Product page](#)

Datasheet for ABIN7318137

ADPRH Protein (His tag)

Overview

Quantity:	50 µg
Target:	ADPRH
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADPRH protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ADPRH/ARH1 Protein (His Tag)
Sequence:	Met 1-Leu357
Characteristics:	Recombinant Human ADP-Ribosylarginine Hydrolase is produced by our E.coli expression system and the target gene encoding Met1-Leu357 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ADPRH
Alternative Name:	ADPRH/ARH1 (ADPRH Products)
Background:	Background: ADP-Ribosylarginine Hydrolase (ADPRH) belongs to the ADP-Ribosylglycohydrolase family. ADPRH catalyzes removal of mono-ADP-ribose from arginine

Target Details

residues of proteins in the ADP-Ribosylation cycle, which is a post-translation modification that includes the addition of one or more ADP-ribose moieties. These reactions are related to cell signaling and the control of many cell processes, such as DNA repair and cell apoptosis. In addition, ADPRH binds with magnesium ion and possess ADP-ribosylarginine hydrolase activity. Synonym: [Protein ADP-Ribosylarginine] Hydrolase, ADP-Ribosylarginine Hydrolase, ADP-Ribose-L-Arginine Cleaving Enzyme, ADPRH, ARH1

Molecular Weight: 41.7 kDa

UniProt: [P54922](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 50 % Glycerol, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.