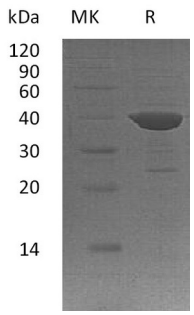
Product Name: Recombinant Human ADPRH (N-6His)
Catalog #: PEH0026

Summary

Name	ADP-ribosylarginine hydrolase/ADPRH/ARH1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P54922
Host	E.coli
Species	Human
Predicted Molecular Mass	41.67 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	[Protein ADP-Ribosylarginine] Hydrolase; ADP-Ribosylarginine Hydrolase; ADP-Ribose-L-Arginine Cleaving Enzyme; ADPRH; ARH1
Background	ADP-Ribosylarginine Hydrolase (ADPRH) belongs to the ADP-Ribosylglycohydrolase family. ADPRH catalyzes removal of mono-ADP-ribose from

arginine 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.

Note

For Research Use Only , Not for Diagnostic Use.