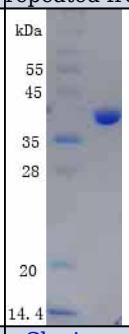
Recombinant Human ADPRH Protein Data Sheet

Catalog #	hRP-F0373-EF011
Size	25 µg
Protein Name	[Protein ADP-ribosylarginine] hydrolase
Protein Symbol	ADPRH
Original Source	*Homo sapiens*
Expression System	*E.coli*
GenBank Accession #	NM_001125.1
Uniprot Accession #	P54922
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.
Application	WB, ELISA, IP, antibody production, protein array
Fusion tag	N-His
Peptide Length	372aa(including fusion tag)
Molecular Weight	41.4kDa(including fusion tag)
pI	6.8
Activity	NA
Storage	Storage buffer: 20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0. Store at -80°C and avoid repeated freeze-thaw cycles.
	
Reference:	• Cloning and site-directed mutagenesis of human ADP-ribosylarginine hydrolase. • ADP-ribosylarginine hydrolases and ADP-ribosyltransferases. Partners in ADP-ribosylation cycles. • Crystal structure of dinitrogenase reductase-activating glycohydrolase (DraG) reveals conservation in the ADP-ribosylhydrolase fold and specific features in the ADP-ribose-binding pocket. • ADP-ribosylarginine hydrolase regulates cell proliferation and tumorigenesis.

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