

Recombinant Full Length Human ADPRH Protein, GST-tagged

Cat. No. ADPRH-973HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADPRH full-length ORF (NP_001116.1, 1 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	357 amino acids
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 that require DTT for maximal activity, the human enzyme is DTT-independent. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, May 2014]
Molecular Mass	65.9 kDa
AA Sequence	MEKYVAAMVL SAAGDALGYG NGKWEFLQDG EKIHRQLAQL GGLDALDVGR WRVSDDTVMH LATAEALVEA GKAPKLTQLY YLLAKHYQDC MEDMDGRAPG GASVHNAMQL KPGKPNGWRI PFNSHEGGCG AAMRAMCIGL RFPHHSQLDT LIQVSIESGR MTHHHPTGYL GALASALFTA YAVNSRPPLQ WGKGLMELLP EAKKYIVQSG YFVEENLQHW SYFQTKWENY LKLRGILDGE SAPTFPESFG VKERDQFYTS LSYSGWGGSS GHDAPMIAYD AVLAAGDSWK ELAHRAFFHG GDSDSTAAIA GCWWGVMYGF KGVSPSNYEK LEYRNRLEET ARALYSLGSK EDTVISL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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