

# Recombinant Human ADPRH Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ADPRH-2357H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ADPRH MS Standard C13 and N15-labeled recombinant protein (NP_001116) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	39.5 kDa
<b>AA Sequence</b>	MEKYVAAMVLSAAGDALGYINGKWEFLQDGEKIHRQLAQLGGDLALDVGRWRVSD DTVMHLATAEALVEAGKAPKLTQLYLLAKHYQDCMEDMDGRAPGGASVHNAMQL KPGKPNGWRIPFNSHEGGCGAAMRAMCIGLRFPHHSQLDTLIQVSIESGRMTHHHP TGYL GALASALFTAYAVNSRPPLQWGKGLMELLPEAKKYIVQSGYFVEENLQHWSY FQTKWENYLKLRGILDGESAPTFPESFGVKERDQFYTSLSYSGWGGSSGHDAPMIA YDAVLAAGDSWKELAHRAFFHGGSDSTAAIAGCWWGVMYGFKGVSPSNYEKLEY RNRLEETARALYSLGSKEDTVISLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

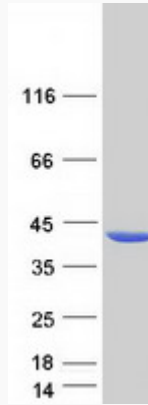
<b>Gene Name</b>	<a href="#">ADPRH ADP-ribosylarginine hydrolase [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">ADPRH</a>
<b>Synonyms</b>	ADPRH; ADP-ribosylarginine hydrolase; ARH1; hARH1; ADP-ribosylarginine hydrolase; ADP-ribose-L-arginine cleaving enzyme; [Protein ADP-ribosylarginine] hydrolase; EC 3.2.2.19
<b>Gene ID</b>	<a href="#">141</a>
<b>mRNA Refseq</b>	<a href="#">NM_001125</a>
<b>Protein Refseq</b>	<a href="#">NP_001116</a>
<b>MIM</b>	<a href="#">603081</a>
<b>UniProt ID</b>	<a href="#">P54922</a>

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**SDS-PAGE**



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