

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

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

SPECIFICATION

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

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

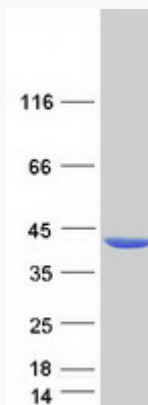
GENE INFORMATION

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

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SDS-PAGE

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