

## Recombinant Human ADPRH Protein, GST-tagged

**Cat. No.** ADPRH-374H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ADPRH full-length ORF ( NP_001116.1, 1 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                   |
| <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. [provided by RefSeq, May 2014]     |
| <b>Molecular Mass</b>   | 65.9 kDa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MEKYVAAMVLSAAGDALGYNGKWEFLQDGEKIHRQLAQLGGLDALDVGRWRVSD<br>DTVMHLATAEALVEAGKAPKLTQLYYLLAKHYQDCMEDMDGRAPGGASVHNAMQL<br>KPGKPNGWRIPFNSHEGGCGAAMRAMCIGLRFPHHSQLDTLIQVSIESGRMTHHHP<br>TGYL GALASALFTAYAVNSRPPLQWGKGLMELLPEAKKYIVQSGYFVEENLQHWSY<br>FQTKWENYLKLRGILDGESAPTFPESFGVKERDQFYTSLSYSGWGGSSGHDAPMIA<br>YDAVLAAGDSWKELAHRAFFHGGSDSTAAIAGCWWGVMYGFKGVSPSNYEKLEY<br>RNRLEETARALYSLGSKEDTVISL |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                    |

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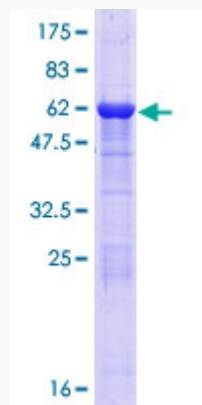
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                        |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                      |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                    |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                             |
| <b>Gene Name</b>        | ADPRH ADP-ribosylarginine hydrolase [ Homo sapiens ]                                                                        |
| <b>Official Symbol</b>  | ADPRH                                                                                                                       |
| <b>Synonyms</b>         | ADPRH; ADP-ribosylarginine hydrolase; [Protein ADP-ribosylarginine] hydrolase; ARH1; ADP-ribose-L-arginine cleaving enzyme; |
| <b>Gene ID</b>          | 141                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_001125                                                                                                                   |
| <b>Protein Refseq</b>   | NP_001116                                                                                                                   |
| <b>MIM</b>              | 603081                                                                                                                      |
| <b>UniProt ID</b>       | P54922                                                                                                                      |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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