

## Product datasheet for **SC334819**

### ADPRH (NM\_001291950) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADPRH (NM_001291950) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADPRH
Synonyms:	ARH1; hARH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001291950, the custom clone sequence may differ by one or more nucleotides

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ATGCAGCTGAAGCCGGGCAAGCCCAATGGCTGGAGGATCCCTTCAACAGCCATGAGGGCGGCTGTGGG  
CTGCCATGCGGGCCATGTGCATCGGTCTCAGGTTCCACACCATAGCCAAGTGGACACACTGATCCAAGT  
GAGCATCGAGAGTGGTCGGATGACCCACCACCACCAACAGGCTACCTGGGGGCCCTTGCCTGCTCTT  
TTTACAGCCTATGCTGTGAATAGCAGACCACCTTGCAGTGGGAAAAGGACTGATGGAGCTGCTACCAG  
AAGCTAAAAGTACATTGTCCAATCAGGCTACTTTGTAGAGGAAAATCTCAACACTGGTCTACTTCCA  
AACCAAATGGGAAAATTACCTAAAATTAGAGGGATTTTGGATGGAGAATCAGCCCCTACCTTCCCTGAG  
TCTTTTCGGTGTGAAGGAGAGGGATCAGTTCTACACCTCCCTGAGCTACTGGCTGGGTGGCAGCAGTG  
GGCAGATGCCCCATGATTGCCTACGATGCTGTTCTTGCTGCAGGAGACTCCTGGAAGGAGCTTGCCCA  
CCGAGCCTTTTTCCATGGTGGAGACAGTGATTCTACAGCTGCCATTGCTGGCTGCTGGTGGGGAGTTATG  
TATGGTTTTAAAGGAGTGAGTCCCTCCAATATGAGAACTAGAATACAGAAACCGGCTGGAAGAGACAG  
CTAGGGCTTTATATTCTCTCGGGTCAAAGAAGACACTGTAATTTCCCTTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001291950
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u>NM_001291950.1</u> , <u>NP_001278879.1</u>
<b>RefSeq Size:</b>	3284 bp
<b>RefSeq ORF:</b>	753 bp
<b>Locus ID:</b>	141
<b>UniProt ID:</b>	<u>P54922</u>
<b>Cytogenetics:</b>	3q13.33
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) lacks two exons, differs in the 5' UTR, and initiates translation at a downstream start codon compared to variant 1. The resulting protein (isoform 2) is shorter and has a distinct N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>