

Product datasheet for **SC323885**

ADPRH (NM_001125) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADPRH (NM_001125) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADPRH
Synonyms:	ARH1; hARH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001125.2
 CAGGTGCGGGGGCCCTCGCCGCCACCCTGCTTATCTGGGGACAGTCCCGGAACCCGGTGA
 CCCGGCTCCGCCCAACCCGCGCCCTCGTCCACCCGACGACCAAGGCCCTTTCCCGG
 CCCGGGAGCCCGGCCACGCCCGTCCGCTCGCGGTTCCAGTCCAGGCTACAGCAGGGGC
 TCTCCAGCTGCATTCCATGGCCAACAGCAGTGCAGCTGCAGAAGCACTTCTGGAAGCT
 CCTGACTTGAAGTACCTTGGACACCCTCTCCAGAGCCAGCAATTGTGAGGGACTGAT
 GGAGAAGTATGTGGCTGCTATGGTGTGAGTGCAGCTGGAGATGCCCTGGGGTACTACAA
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 GGCCACAGCAGAAGCTCTGTGGAAGCTGGGAAAGCCCTAAGTTGACTCAACTGTATTA
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 TTCAACAGCCATGAGGGCGGCTGTGGGCTGCCATGCGGGCCATGTGCATCGGTCTCAG
 GTTCCCACACCATAGCCAACTGGACACACTGATCCAAGTGAAGTGCAGATCGAGAGTGGTCCGGAT
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 TAGGGCTTTATATTCTCTCGGTCAAAGAAGACTGTAATTTCCCTTTAGGGAGACGT
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 TTTTTCCAAAGTCAAGAGTCTTAACCTTGTACTCAGGGAATTTGAGATAACAAGTCCCT
 TGGGCACCTTAAGCTCAGTTTTTTCAGGCTCATCTGTTCTTCCAGAATCTATCCCTTTT



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CTTAACTGAAGAGTCCCTTAGCTCAATTGATAGGGTCAGCGTCTCGCAAGCAAAAAATC
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ATGAGAACGAATGGGGGAAGAGATAAACTTTATGCATAACATTAGGGTAATCAATAAA
GATGGTCTGACACATCGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** ECoRI-NOT
- ACCN:** NM_001125
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- Components:** 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001125.2](#), [NP_001116.1](#)

RefSeq Size: 3461 bp

RefSeq ORF: 1074 bp

Locus ID: 141

UniProt ID: [P54922](#)

Cytogenetics: 3q13.33

Domains: ADP-ribosyl_GH

Gene Summary: 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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein. Variants 1 and 2 encode the same protein (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.