

## Product datasheet for **RC236925**

### ADPRH (NM\_001291950) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADPRH (NM_001291950) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ADPRH
Synonyms:	ARH1; hARH1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC236925 representing NM_001291950 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCAGCTGAAGCCGGGCAAGCCCAATGGCTGGAGGATCCCTTCAACAGCCATGAGGGCGGCTGTGGG  
CTGCCATGCGGGCCATGTGCATCGGTCTCAGGTCCCACACCATAGCCAAGTGGACACACTGATCCAAGT  
GAGCATCGAGAGTGGTCGGATGACCCACCACCACCAACAGGCTACCTGGGGCCCTTTCGTCTGCTCTT  
TTTACAGCCTATGCTGTGAATAGCAGACCACCTTGCAGTGGGAAAAGGACTGATGGAGCTGCTACCAG  
AAGCTAAAAAGTACATTGTCCAATCAGGCTACTTTGTAGAGGAAAATCTTCAACACTGGTCTACTTCCA  
AACCAATGGGAAAATTACCTAAAATTAGAGGGATTTTGGATGGAGAATCAGCCCTACCTTCCCTGAG  
TCTTTCGGTGTGAAGGAGAGGGATCAGTTCTACACCTCCCTGAGCTACTCTGGCTGGGTGGCAGCAGTG  
GGCAGCATGCCCCATGATTGCCACGATGCTGTTCTTGCTGCAGGAGACTCCTGGAAGGAGCTTGCCCA  
CCGAGCCTTTTCCATGGTGGAGACAGTGATTCTACAGCTGCCATTGCTGGCTGCTGGTGGGGAGTTATG  
TATGGTTTTAAAGGAGTGAGTCCCTCCAATATGAGAACTAGAATACAGAAACCGGCTGGAAGAGACAG  
CTAGGGCTTTATATTCTCTCGGGTCAAAGAAGACACTGTAATTTCCCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



[View online »](#)

**Protein Sequence:** >RC236925 representing NM\_001291950  
 Red=Cloning site Green=Tags(s)

MLQKPGKPNGWRIPFNSHEGGCGAAMRAMCIGLRFPHHSQLDTLIQVSIESGRMTHHHPTGYLGALASAL  
 FTAYAVNSRPPLQWGKLMELLPEAKKYIVQSGYFVEENLQHWSYFQTKWENYLKLRGILDGESAPTFPE  
 SFGVKERDQFYTSLSYSGWGGSSGHDAPMIAYDAVLAAGDSWKELAHRAFFHGGSDSTAAGCWVWGM  
 YGFGKGVSPSNYEKLEYRNRL EETARALYSLGSKEDTVISL

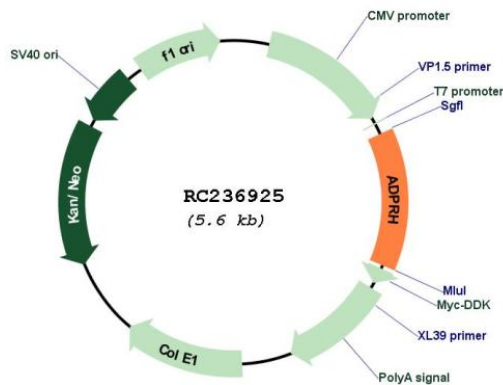
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001291950  
**ORF Size:** 750 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001291950.2</a>
<b>RefSeq Size:</b>	3284 bp
<b>RefSeq ORF:</b>	753 bp
<b>Locus ID:</b>	141
<b>UniProt ID:</b>	<a href="#">P54922</a>
<b>Cytogenetics:</b>	3q13.33
<b>MW:</b>	28.3 kDa
<b>Gene Summary:</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]