

## Product datasheet for **RG236925**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADPRH (NM_001291950) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ADPRH
Synonyms:	ARH1; hARH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236925 representing NM_001291950. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCTGAAGCCGGGCAAGCCCAATGGCTGGAGGATCCCTTCAACAGCCATGAGGGCGGCTGTGGG
GCTGCCATGCGGGCCATGTGCATCGGTCTCAGGTTCCCACACCATAGCCAACCTGGACACACTGATCCAA
GTGAGCATCGAGAGTGGTCGGATGACCCACCACCACCAACAGGCTACCTGGGGCCCTTGCCTGCTGCT
CTTTTACAGCCTATGCTGTGAATAGCAGACCACCCTTGCAGTGGGAAAAGGACTGATGGAGCTGCTA
CCAGAAGCTAAAAAGTACATTGTCCAATCAGGCTACTTTGTAGAGGAAAATCTTCAACACTGGTCTCTAC
TTCCAAACCAAAATGGGAAAATTACCTAAAACCTTAGAGGGATTTTGGATGGAGAATCAGCCCCTACCTTC
CCTGAGTCTTTCGGTGTGAAGGAGAGGGATCAGTTCTACACCTCCCTGAGCTACTCTGGCTGGGGTGGC
AGCAGTGGGCACGATGCCCCATGATTGCCTACGATGCTGTTCTTGTGTCAGGAGACTCCTGGAAGGAG
CTTGCCCACCGAGCCTTTTTCCATGGTGGAGACAGTGATTCTACAGCTGCCATTGCTGGCTGCTGGTGG
GGAGTTATGATGGTTTTAAAGGAGTGAGTCCCTCCAACATGAGAACTAGAATACAGAAACCGGCTG
GAAGAGACAGCTAGGGCTTTATATTCTCTCGGGTCAAAGAAGACACTGTAATTTCCCTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



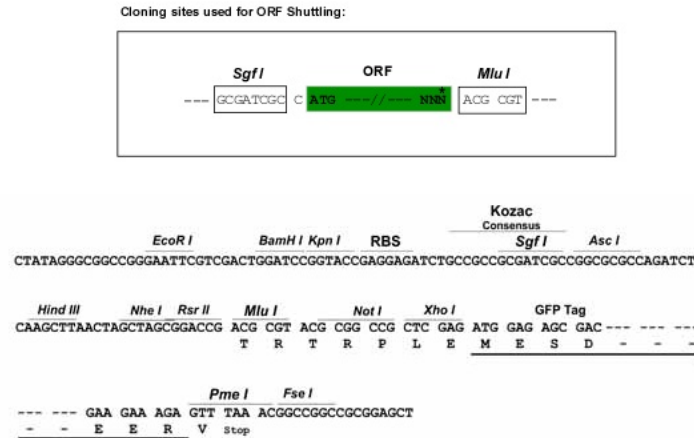
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG236925  
 Blue=ORF Red=Cloning site Green=Tag(s)

MQLKPGKPNGWRIPFNSHEGGCGAAMRAMCIGLRFPHHSQLDTLIQVSIESGRMTHHPTGYLGALASALFTAYAVNSRPLQWGKGLMELLPEAKKIYVQSGYFVEENLQHSYFQTKWENYLKLRGILDGESAPTF  
PESFGVKERDQFYTSLSYSGWGGSSGHDAPMIAYDAVLAAGDSWKELAHRAFFHGGSDSTAAIAGCWW  
GVMYGFKGVSPSNYEKLEYRNRLEETARALYSLGSKEDTVISL  
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE  
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001291950

**ORF Size:** 750 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

**RefSeq:** [NM\\_001291950.2](#)

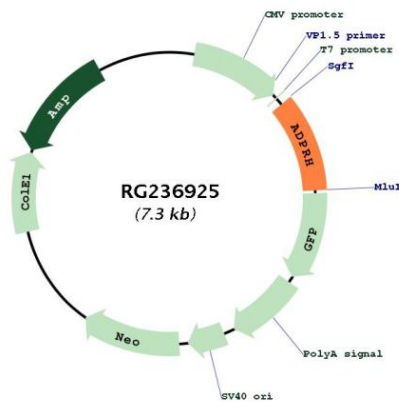
**RefSeq Size:** 3284 bp

**RefSeq ORF:** 753 bp

**Locus ID:** 141  
**UniProt ID:** [P54922](#)  
**Cytogenetics:** 3q13.33  
**MW:** 28.3 kDa

**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]

**Product images:**



Circular map for RG236925