

## Product datasheet for **RR204898**

### Adprh1 (NM\_001013054) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Adprh1 (NM\_001013054) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Adprh1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR204898 representing NM\_001013054  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAAGTTCAAGGCTGCGATGCTGTTGGGACTGTTGGAGATGCCCTCGGCTATGGAATGTCTGCA  
GGGAGAACAGTGCTTCAGGCTCAATCCAGGAGGAGCTGCAAAGACCAGGGGACTGGACAGCCTAGTGCT  
CTCACCTGGAAAGTGCCAGTGAGTGACAACACCATCATGCACATGGCACTGCTGAGGCCCTCACCACA  
GACTACTGGTGCCTAGATGACCTGTACCGAGAGATGGTAAAGCGCTACGTGGAGACCGTGGAGAAGCTCT  
CAGAACATCGGCCAGACCCTTCCACTATCGAGGGCTGCTCCCAGCTGAAGCCGGATAACTACCTCCTCGC  
ATGGCATAACGCCCTTCAGTGAAGGGTTCTGGATTTGGGGCGGCCACCAAAGCAATGTGCATTGGAATG  
CGGTACTGGAAGCCAGAACGCCTGGAGACGCTCATTGAAGTCAGTATCGAGTGCAGTGGATGACCCACA  
ACCATCTACAGGTTTCCCTCGGGTCTCTGTGACTGCACTGTTTGCCTCTATGCCATTCAGGGAAAGTC  
CCTGGTACAGTGGGAAGAGACATGCTGAAGGTGCTTCCCTGGCTGAGGAGTACTGTAGGAAGAGCATC  
CGACACATGGCAGAGTACCAGGAGCACTGGTTTTACTTCAAGCAAAATGGCAGTTCTATTTGGAGGAAA  
GAAAAATCAGAGAAGACTCAGAAGTCACGGCCGCTTTCCGGACAACATGACGCAGAGGAGAGAGACAA  
GACCTACAAGAAATGGAGCTCAGAAGGCCGAGGGGACGGCGCGCCATGACGCCCCATGATAGCCTAT  
GATGCCCTTCTTGCCTCGGGGAGTAGCTGGACTGAACTCTGCCAGCGAGCCATGTTTACAGAGGAGAGA  
GCGGAGCGACAGGGACGATCGCTGGCTGCCTGTTCCGGTTGCTGCACGGCCTGGCCACGGTTCCACCGGG  
CTTGTACCAGAACTGGAACACAAAGGCAGACTAGAGGATCTGGGTACAGCCCTGCATCGCTGTCCACA  
GAAGAAAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR204898 representing NM\_001013054  
Red=Cloning site Green=Tags(s)

MEKFKAAMLLGTVDALGYGNVCRENSASGSIQEELQKTRGLDSLVLSPGKWPVSDNTIMHMATAEALTT  
 DYWCLDDLYREMYKRYVETVEKLSEHRPDPSTIEGCSQLKPDNYLLAWHTPFSEKSGSGAATKAMCIGM  
 RYWKPERLETLIEVSIIEGRMTHNHPTGFLGSLCTALFASYAIQKSLVQWGRDMLKVLPLAAEYCRKSI  
 RHMAEYQEHWFYFEAKWQFYLEERKIREDESEVTAVFPDNYDAEERDKTYKKWSSEGRGRRGHDPAMIAY  
 DALLASGSSWTELCQRAMFHRGESGATGTIAGCLFGLLHGLATVPPGLYQELHKGRLLEDLGTALHRLST  
 EEK

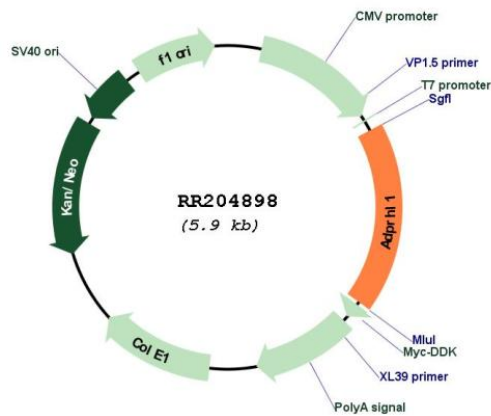
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001013054

<b>ORF Size:</b>	1059 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_001013054.1</a> , <a href="#">NP_001013072.1</a>
<b>RefSeq Size:</b>	1545 bp
<b>RefSeq ORF:</b>	1062 bp
<b>Locus ID:</b>	290880
<b>UniProt ID:</b>	<a href="#">Q5XIB3</a>
<b>Cytogenetics:</b>	16q12.5
<b>MW:</b>	39.9 kDa