

## Product datasheet for RN214646

### Fahd2a (NM\_001134834) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fahd2a (NM\_001134834) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Fahd2a  
 Synonyms: Fahd2; RGD1563674  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN214646 representing NM\_001134834  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGGCTCTGGTAGAAGGAGGTTGCTGTCAACTCTGCTGCAGGTTTCAGAAGAGGCCCTGTCAACCT  
 GCAGAAATATGAGACTGGTACAGTTCAGGCACCTCACCTGGAAGAGCCTCACGTGGCCCTAGAGTCAGG  
 GATTGGTGGGGAGTTGTAGACCTAAACACCTTTGACCCAGCGCTCCCAAGACAATGGTGCAGTTCCTG  
 GAGCGGGGAGAGACTGCCCTTTCGGTGGCAAGAAGAGCCCTGGCTGCCAGTTGCCACTCATCCCTCGGT  
 CACAGGTGACCTTCTTAGCCCTGTCAACCCGGCCAGACAAGGTGATATGTGTGGGCTTGAATTATGCAGA  
 CCACTGTCAAGAACAGAACGTGCGGGTGCCCAAGAATCCCATCATCTTCAGCAAGTTCTCCAGCTCCATC  
 GTGGGGCCCTATGACAGCATCATCTCCACCAGAGAGTAAGGAAGTTGACTGGGAGGTGGAGATGGCCG  
 TGGTCATTGGGAAGAAAGGCAACACATCAAGGCCACAGATGTCATGGCTTACGTGGCTGGCTTCACTGT  
 GGCTCATGATGTGAGTGTCTGGGACTGGCAAATGAGAAATGAAAGCAGTGGTTACTGGGAAAACTTTT  
 GATACTTTCTGCCCCCTGGGCCCTGCCTTGTTACCAAGGATACCATAGCAGATCCACACAATCTAAAGA  
 TCTCTGTGAGTGAATGGGGAGATTGTCCAGAGCAGCAACCAACCAGATGGTGTTCAGACTGAAGA  
 TCTGATAGCCTGGGTCTCCAGTTTGTCACTCTGTACCCAGGGGACATTCTCTGACTGGGACTCCTCCA  
 GGTGTGCGCATGTTTAGGAAGCCTCTGTCTTTCTCAAGAAGGGTGATGAAGTCCAGTGTGAGATTGAAG  
 AGCTTGGTGTGCATCATCAACAAGGTGGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001134834  
 Insert Size: 942 bp



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<b>OTI Disclaimer:</b>	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).
<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><a href="#">NM_001134834.1</a></u> , <u><a href="#">NP_001128306.1</a></u>
<b>RefSeq Size:</b>	1257 bp
<b>RefSeq ORF:</b>	942 bp
<b>Locus ID:</b>	296131
<b>UniProt ID:</b>	<u><a href="#">B2RYW9</a></u>
<b>Cytogenetics:</b>	3q36
<b>Gene Summary:</b>	May have hydrolase activity.[UniProtKB/Swiss-Prot Function]