

## Product datasheet for RN211497

### Adipor1 (NM\_207587) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Adipor1 (NM\_207587) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Adipor1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN211497 representing NM\_207587  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGTCTTCCCACAAAGGATCTGCCGTGGCCAGGGCAATGGGGCTCCTTCTAGTAACAGAGAAGCGGACA  
 CGGTGGAGCTGGCTGAGCTGGGGCCCTGCTGGAGGAGAAGGGTAAGCGGGCAGCCACCAGCCAGCCAA  
 GGCTGAAGAAGAACAAGCATGCCCGTGCCTCAGGAGGAGGAGGAGGTGCGGGTGCTGACCCCTCCT  
 CTGCAAGCCACCATGCCATGGAGAAGATGGAGGAGTTCGTATATAAGGTCTGGGAGGGCGTTGGAGGG  
 TCATCCCATACGATGTGCTTCTGACTGGCTGAAAGACAATGACTACCTGCTACATGGCCACAGACCACC  
 TATGCCCTCCTTCGGGCTTGCTTCAAGAGCATCTCCGCATCCACAGAACTGGCAACATCTGGACA  
 CATTGCTTGGTTTTGTGCTATTTCTTTCTGGGAATCTTGACCATGCTCAGACCAAATATGTACTTCA  
 TGGCTCCCCTCCAGGAGAAGGTGGTCTTCGGGATGTTCTTCTGGGTGCAGTCTGCTCAGCTTCTC  
 CTGGCTTTTCCACACCGTCTACTGTCATTCAGAGAAGGTCTCTCGCACTTTTCCAACTGGACTATTCA  
 GGGATTGCTCTACTGATTATGGGGAGCTTCGTCCCCTGGCTCTATTACTCCTTCTACTGCTCCCCACAGC  
 CACGGCTCATCTACCTCTCCATCGTCTGTGTCCTGGGCATCTCTGCCATCATTGTGGCACAGTGGGACCG  
 GTTTGCCACTCCCAAGCACCGGCAGACAAGAGCAGGAGTGTTCCTGGGACTTGGCTTGAGTGGTGTGTA  
 CCCACCATGCACTTTACTATCGCTGAGGGCTTTGTCAAGGCCACCACAGTGGGCCAGATGGGCTGTTCT  
 TCCTCATGGCTGTGATGTACATACCCGGCGCTGGCCTTTATGCTGCTCGGATTCTGAGCGCTTCTTTCC  
 TGGAAAATTTGACATATGGTTCCAGTCTCATCAGATTTTCCATGTCTGGTGGTGGCAGCGGCTTTCGTC  
 CACTTCTATGGGGTGTCCAACCTACAGGAATCCGTTACGGCCTAGAGGGTGGATGTACCGATGACTCCC  
 TTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_207587



<b>Insert Size:</b>	1128 bp
<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_207587.1</a></u> , <u><a href="#">NP_997470.1</a></u>
<b>RefSeq Size:</b>	2055 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	289036
<b>Cytogenetics:</b>	13q13
<b>Gene Summary:</b>	mouse homolog acts as a receptor for adiponectin; facilitates activation of AMP kinase and PPAR-alpha and increased fatty acid oxidation [RGD, Feb 2006]