

## Product datasheet for **MC207726**

### Adipor1 (NM\_028320) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adipor1 (NM_028320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adipor1
Synonyms:	2810031L11Rik; ACDCR1; CGI-45; Paqr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207726 representing NM_028320 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCTTCCCACAAGGCTCTGCCGGGACACAAGGCAATGGGGCTCCTTCTGGTAACAGAGAAGCTGACA  
CAGTGGAGCTGGCTGAGCTGGGGCCCTGCTGGAGGAGAAGGGCAAGCGGGCAGCCAGCAGCCAGCCAA  
GGCTGAGGAAGATCAAGCATGCCCGGTGCCTCAGGAAGAGGAGGAGGAGTGC GGGTGCTGACGCTTCT  
CTGCAAGCCCACCATGCCATGGAGAAGATGGAGGAGTTCGTGTATAAGGTCTGGGAGGGACGTTGGAGAG  
TCATCCCGTATGATGTGCTTCTGACTGGCTGAAAGACAACGACTACCTGCTACATGGCCACAGACCACC  
TATGCCCTCCTTTCGGGCTTGTCAAGAGCATCTCCGATCCACACAGAGACTGGCAACATCTGGACA  
CATCTGCTTGGTTTTGTGCTATTTCTTTCTGGGAATCTTGACGATGCTGAGACCAAATATGACTTTCA  
TGGCTCCCTGCAGGAGAAGGTGGTCTTCGGGATGTTCTTCTGGGCGCGGTGCTCTGCCTCAGTTTCTC  
CTGGCTCTCCACACTGTCTACTGTCAATCAGAGAAGGTCTCTCGGACTTTTTCCAACTGGACTATTCA  
GGGATTGCTCTACTGATTATGGGAGCTTCGTTCCCTGGCTCTATTACTCCTTCTACTGCTCCACAGC  
CGCGGCTCATCTACCTCTCCATCGTCTGTGTCTGGGCATCTCTGCCATCATTGTGGCACAGTGGGACCG  
GTTTGCCACTCCCAAGCACCGGCAGACAAGAGCAGGAGTGTTCCTGGGACTTGGCTTGTGAGTGGTGTGTA  
CCCACCATGCACCTTACTATCGCTGAGGGCTTTGTCAAGGCCACCACGGTGGGCGAGATGGGCTGGTTCT  
TCCTCATGGCTGTGATGTACATCACCGGCGCGGCTGTATGCTGCTCGGATTCCTGAGCGCTTCTTCCC  
TGGAAAATTTGACATCTGGTTCAGTCTCATCAGATTTTCCACGCTCTGGTGGTGGCAGCAGCTTTCGTC  
CACTTCTATGGTGTGTC AACCTTCAGGAATTCGTTATGGCCTAGAAGGTGGCTGTACCAGCACTCCC  
TTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1639_g08.zip">https://cdn.origene.com/chromatograms/ja1639_g08.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_028320
Insert Size:	1128 bp
OTI Disclaimer:	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).
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).
Reconstitution Method:	<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>
RefSeq:	<a href="#">BC014875</a> , <a href="#">AAH14875</a>
RefSeq Size:	2024 bp
RefSeq ORF:	1128 bp
Locus ID:	72674
UniProt ID:	<a href="#">Q91VH1</a>
Cytogenetics:	1 E4
Gene Summary:	<p>This gene encodes a receptor for the fat-derived hormone adiponectin. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. Homozygous knockout mice for this gene exhibit elevated plasma glucose and insulin levels as well as impaired glucose tolerance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>