

## Product datasheet for **RN200807**

### **Acsl6 (NM\_130739) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Acsl6 (NM_130739) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acsl6
Synonyms:	Facl6; Lacsl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN200807 representing NM\_130739  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCAGACCCAGGAGATCCTGAGGATCCTGCGGCTGCCGAGCTATCGGACTTGGCCAGTTTTTCCGCA  
 GCCTCTCAGCCACCACCTTGTGAGTATGGGTGCACTGGCTGCCATCCTTGCATACTGGCTCACTACCG  
 GCCAAAGGCTTGAACACCATTGCAACCTCCTGATGCAGTCGGAAGAAGTAGAGGACAGTGGTGGAGCC  
 CGGCGATCTGTGATTGGGGATTGCACTCAGTTGCTTACCCACTACTATGACGATGCCCGGACGATGTACC  
 AGGTGTTCCGACGTGGGCTTAGCATCTCAGGGAATGGACCCTGTCTTGGCTTCCGGAAGCCAGAGCAACC  
 TTACCAGTGGCTGTCTATCAAGAGGTGGCCAAAAGGGCTGAATTCCTGGGGTCAGGACTTCTCCAGCAT  
 GACTGTAAAGTGGGCACAGAGCAGTTTATTGGCGTTTTTGCACAAAATCGGCCAGAGTGGATCATTGCTG  
 AGCTGGCCTGCTACACATATTCCATGGTGGTGGTACCGCTCTATGACACACTGGGCCAGGGTCTATCCG  
 CTACATCATCAATACAGCGGACATCTGCACTGTAATCGTGGATAAGCCGCATAAGGCTATACTCCTGCTA  
 GAACACGTGGAGAGGAAGGAGACTCCGGGCCTCAAGCTGGTCATCCTCATGGAGCCATTTGACGATGCC  
 TGAGAGAGAGGGGAAAGAAGTGCGGGGTGGACATCAAGTCCATGCAGGCTATAGAGGACTCCGGCCAAGA  
 GAATCATCGTGTCCCCGTGCCCCACGGCCGATGACCTCTCCATTGTGTGTTTACGAGCGGTACAACA  
 GGGAAACCCAAAGGTGCGATGCTCACCCACGGGAACGTGGTGGCCGATTTCTCGGGCTTTCTGAAAGTCA  
 CAGAGAGTCAGTGGGCCCCACTTGTGCGGATGTACACTTTTCTATTGCTTTAGCACACATGTTTGA  
 GCGAATGGTGCAGTCTGTGTCTACTGCCATGGAGGGCGTGTGGGCTTCTCCAGGGAGACATCCGCCTC  
 CTCTCAGACGACATGAAAGCTCTCCGCCACCACCTCTCCCTGTGGTCCCACGGCTGTGAATCGGATGT  
 ATGACAAGATCTTCCACCAGGCAGACACCTCACTGAAGCGTGGCTCCTGGAGTTTGCAGCAAAGCGCAA  
 GCAGGCTGAGGTCGGAGCGGAATCATCAGAAACAATAGTATCTGGGATGAACTCTCTTTAATAAGATT  
 CAGGCCAGTCTTGGAGGGCACGTGAGAATGATTGTTACCGGAGCAGCCCCGCATCACCAACAGTCTGG  
 GATTCTACGAGCAGCTCTGGGGTCCAGGTCTATGAAGTTATGGGCAAAGTGAATGCACAGCTGGGTG  
 TACCTTACAACGCCAGGGGACTGGACATCAGGGCACGTGGGAGCCCTCTGCCCTGCAACCACATCAAG  
 CTGGTCGACGCAGAGGAAGTCAACTACTGGACCAGCAAAGGAGAAGGAGAGATCTGTGTAAAGGACCAA  
 ATGTGTTCAAAGGCTACTTAAAAGACGAGGACAGGACAAAGGAGGCCCTGGACAGTGACGGCTGGCTTCA  
 CACGGGAGACATTGGAAGTGGCTGCCGGAGGAAACGCTTAAAATCATCGATCGGAAAAAGGACATTTT  
 AAAGTGTCTCAGGGGAATACGTTGCGCCCGAGAAGATTGAGAATCTACATCCGAAGTGAACCTGTGG  
 CGCAAATCTACGTCCATGGGGACAGCTTAAAGGCCTTTCTGGTTGGCATTGTTGTGCTGACCTGAAGT  
 CATGCCTTGTGGGCTCAGAAGAAAGGAATCGAAGGGAAGTACCAGGAAGTCTGCAAAAAGTAAAGGAATTG  
 AAGAAAGCCATTCTGGATGACATGGTGTGTTGGGAAAGAAAGTGGACTGCATTCTTTGAACAGGTAA  
 AAGCCATTTACATCCATTGTGACATGTTCTCAGTTCAAATGGCTTGCTGACACCAACACTAAAGGCTAA  
 GAGGCCGAGCTGAGAGAGTACTTCAAAGCAAAATAGAAGAGCTGACTCAATCTCCAT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_130739

**Insert Size:** 2094 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).

<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_130739.1</a></u> , <u><a href="#">NP_570095.1</a></u>
<b>RefSeq Size:</b>	2573 bp
<b>RefSeq ORF:</b>	2094 bp
<b>Locus ID:</b>	117243
<b>UniProt ID:</b>	<u><a href="#">P33124</a></u>
<b>Cytogenetics:</b>	10q22
<b>Gene Summary:</b>	catalyzes the ligation of long chain fatty acids with coenzyme A to produce long chain acyl-CoAs in fatty acid metabolism [RGD, Feb 2006]