

## Product datasheet for **RN206588**

### Acot8 (NM\_130756) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acot8 (NM\_130756) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acot8  
**Synonyms:** Pte1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206588 representing NM\_130756  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCACCCACTCAGAAATTGACAAGCACAACGACCAATCAGAATCTGCGTCTCGCACGGAACC  
 CTAGGGATTTCCGGCCCCTGGAGCGACCTGCCGGAAGCGCTGGGTGCCTATATAAGTTTCCGCGTTTCTC  
 TCATCTGCAGCAAGCAGTGAAAAATGTCAAAGCCAGAGGACCTAGGAGATGCTAATGGCGACGCCACCGC  
 GCGGACCTTTCCGGGGACCTGCGTAGTGTGCTGGTCACCAGCGTCTCAACCTCGAGCCTCTAGATGAAG  
 ATCTCTACAGAGGAAGGCATTACTGGGTACCTACCTCCCAGCGGCTCTTTGGGGTCTCAGATTGTGGCCA  
 GGCTCTGGTGGCTGCAGCCAAGTCCGTGAGTGAAGACGTCCACGTGCACTCCCTGCACTGCTACTTTGTC  
 CGGGCAGGGGACCCAAAGGTGCCAGTGTGTACCATGTGGAGAGGACACGAACAGGAGCAAGCTTCTCAG  
 TGCGTGCAGTGAAGGCTGTGCAGCATGGCAAGGCCATCTTCATCTGCCAGGCCTCCTCCAGCAGATGCA  
 GCCCAGCCCCGTCAGCACCAAGTCTCCATGCCACTGTCCCCCCCCAGAGGAGCTGCTGGACCATGAG  
 GCCCTATTGACCAGTACTTAAGGGATCCTAACCTTCATGAGAAATATCGAGTGGGGTGAACCGAATTG  
 CTGCCCGAGAGGTGCCTATTGAGATCAAGCTGGTGAACCCACCCGCTGAACCACTGCAGACTGGA  
 GCCCAAACAGATGTTCTGGGTGCGAGCCCGGGCTATATTGGGGACGGCGACATCAAGATGCACCTGCTGT  
 GTGGCTGCTTACATCTCTGACTACGCCCTTCTGGGACGGCACTGCTGCCTCACCAGTCCAAGTATAAAG  
 TGAACCTCATGGTCTCGCTGGACCACTCCATGTGGTTCCACGCCCCATTCCGTGCTGACCACTGGATGCT  
 CTACGAGTGTGAGAGCCCTGGGCTGGTGGCTCTCGAGGGCTGGTACATGGGCGGCTGTGGCGTCGGGAT  
 GGGGTCTTGCTGTGACCTGTGCCAGGAGGGTGTGATCCGATCGAAGCCTCGGGTATCCGAGAGTAAAC  
 T**ATAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_130756
<b>Insert Size:</b>	1125 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>NM_130756.3, NP_570112.3</u>
<b>RefSeq Size:</b>	1503 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	170588
<b>Cytogenetics:</b>	3q42
<b>Gene Summary:</b>	thioesterase; involved in conversion of dimethylnonanoyl-CoA and dimethylheptanoyl-CoA into 4,8-dimethylnonanoic acid plus CoASH [RGD, Feb 2006]