

## Product datasheet for **RN204255**

### **Acbd6 (NM\_001011906) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acbd6 (NM\_001011906) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acbd6  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN204255 representing NM\_001011906  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAACACCATTTCTACCCGCGGGGGCCACCACGGGCGACAGCGGTGGGGAAGTCTGAGCTCCGGGGACG  
ACTCCGGTGACTTGAATCCTTCCAGACCCTGAGGCCGAGCGACCCGGAGCCTGGCGGAGCTGTTTGA  
GAAGGCTGCCGCACATGTTCAAGCCTGGTTCAGGTGGCCAGCAGGGAGCAGCTCCTGTACCTGTATGCC  
AGGTACAAGCAGGTCAAAGTTGGAAATTGCAATATTCCTAAACCAAACCTCTTTGATTTTGAAGGAAAGC  
AAAAATGGGAGGCATGGAAAGCCCTCGGCGACTCAAGCCCTAGCCAAGCAATGCAGGAATATATCGCGGC  
AGTAAAAAACTAGATCCAGGATGGAATCCTCAGGTGTCAGAGAAGAAAGGAAAAGGAGCAGTAGTGGG  
TTTGGTGGTCCAGTCGTTAGTTCTCTGTATCATGAAGAAACAATCAGGGAAGAAGACAAAAACATATTTG  
ATTACTGCAGGAAAACAACATTGACCACATAACCAAAGCCATCAAATCGAAAACGTGGATGTGAATAT  
GACAGATGAAGAGGGCAGAGCTCTGCTCCACTGGGCATGCGATCGAGGACATAAGGAGCTGGTGAAGTC  
TTGCTACAGTGTGAAGCCGGCATTAAATTGTCAGGACAATGAAGGTCAGACAGCGCTTCATTATGCTGCTG  
CCTGCGAGTTTTCGGACATTGTGGAGCTGCTGCCAGTCTGGCGCTGACCCCACTCTCCGAGACCAAGA  
TGGCTGTTTGCCAGAAGAGGTGACAGGCTGTAAGCGGTCTCTCTGGTGTGCAGCTGCACAGAGCTGGC  
AAGGCTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001011906  
**Insert Size:** 849 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>NM_001011906.1, NP_001011906.1</u>
<b>RefSeq Size:</b>	1505 bp
<b>RefSeq ORF:</b>	849 bp
<b>Locus ID:</b>	289125
<b>UniProt ID:</b>	<u>Q5RJK8</u>
<b>Cytogenetics:</b>	13q21
<b>Gene Summary:</b>	Binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1-CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0-CoA. Does not bind fatty acids (By similarity).[UniProtKB/Swiss-Prot Function]