

## Product datasheet for MC207503

### Acrbp (NM\_001127340) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acrbp (NM\_001127340) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acrbp  
**Synonyms:** OY-TES-1; sp32  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC207503 representing NM\_001127340  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGAATCTAGCTGCTGGCTTCTTCTGATGCTTCTGGAAGTCTGCTCCTGCCTGGAACACCTCTTT  
 CCGCTGAGGAATCTCCAGCCTCCACTCCAGGCAGCCCTCTCTCGTCCACTGAGTATGAACGCTTCTTCGC  
 CCTGCTGACCCCAACCTGGAAGGCAGAGACCACCTGCCGCTCCGTGCCACCCACGGTCCCGGAACCCC  
 ACTCTCGTTCAGTTGGATCAATATGAAAACCACGGATTGGTACCAGATGGTGTCTGTCTCCGATCTCC  
 CTTATGCTTCTGGTTTGTAGTCTTCTGCCAGTTTGTCTCAGTATCGTTGCTCCAACCATGTCTACTATGC  
 CAAGAGGGTCCGGTGCTCCCAGCCCGTCTCCATCCTATCCCCAACACTCTCAAGGAGGTGGAGTCTTCA  
 GCAGAAGTTCTCCCACTTCCATGACCACCCCAATTGTGTCCCATGCCACAGCCACAGAACCAGGCGCT  
 TCCAGCCTTGGCCTGAGCGGCTCAACAACAACGTGGAGGAGCTGCTGCAGTCATCCTTGTCCCTGGGAGG  
 CAAGGACCAACAGAGCAGTCCGAGACCAGGCCAGGAGCAGCGCAAGCAGGAGCAGATCCAAGAACAATAAG  
 CTAGAAGAAGCGCAGGAGCAAGAAGAGCAGGAAGAAGAGGAAGAGGAGGAGGAAGCAAGCAGGAAGAGG  
 GGCAGGGGACAGAGGCGGGTCTGGAGTCAGTGTCCAGGCTGCAGTCAGACTCAGAGCCCAAGTTTCAATC  
 CCAGTCACTGTCTTCAACCCGTCCTTCTTCACTCCCCGGTCCGAGAGGTGGAGTCTGTCCATTGATG  
 ATGAAGAATATCCAGGAGCTCATTCCGGTCTGCCAGAAATGGATGAAATGAATGAATGAACTGTATGATGACT  
 CCTGGAGAAGCCAAAGCACTGGCAGGTACAGGAAATTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001127340



<b>Insert Size:</b>	951 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_001127340.1</a></u> , <u><a href="#">NP_001120812.1</a></u>
<b>RefSeq Size:</b>	1259 bp
<b>RefSeq ORF:</b>	951 bp
<b>Locus ID:</b>	54137
<b>UniProt ID:</b>	<u><a href="#">Q3V140</a></u>
<b>Cytogenetics:</b>	6 F2
<b>Gene Summary:</b>	May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' coding region and 3' UTR, compared to variant 1, resulting in a protein (isoform 2) with a shorter, distinct C-terminus when compared to isoform 1.