

Product datasheet for **RN205348**

Acrbp (NM_001025049) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acrbp (NM_001025049) Rat Untagged Clone
Tag: Tag Free
Symbol: Acrbp
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN205348 representing NM_001025049
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACTAGCTGCTAGCTTCCTTCTGATGCTTCTGGAAGTGCTGCTCCTGCCTGAAACACCTCTTTCAG
 CTGAGGAAGCTTTAGCCTCCACTCCAGGCAGCCCTCTCTCATCCACTGAATATGAACGTTTCTTCGCCCT
 GCTGACCCCAACCTGGAAGGCAGAGACCACCTGCCGCCTCCGTGCAACCCACGGTGCCTGGAACCCCACT
 CTCGTTTCAGCTGGATCAATATGAAAACCACGGATTGGTACCAGATGGTGTCTGCTCTGACCTACCT
 ATGCTTCTGGTTTGAGTCTTCTGCCAGTTTGCTCAGTATCGTTGCTCCAACCATGCTACTATGCCAA
 GAGGGTCCGGTGCTCCCAGCCAGTCTCCATCCTTCCCCCAACACTCTAAAGGAGGTGGAGTCTCAGCA
 GAAGTTCTCTCACTTCCGTGACCACCCCATTTGTATCCCGTGCCACAGCCACGGAACACCAGGCCTTCC
 AGCCTTGCCCGAGCGGCTCAACAACAATGTGGAGGAGCTGCTCCAGTCGTCCTTGTCCCTGGGAGGCAA
 GGAGCAACAGAGTAGTCGGAAGCTAGGCCTGGAGCAGCAGCACAAAGCAGGAGCAGATCCAAGAACAAG
 CTAGAAGAAGCGCAGGAGCAGGAGGAGCAAGAGGAAGAGGAAGAGGAGGAAGAGGCAAAGCAGGAAGAGG
 GGCAGGGGACAGAGGAGGTCTGGATTCACTGTCAGACTGCAGTCAGACTCGGAGCCCAAGTTTCAGTC
 CAAGTCACTGTCTTCCAACCCTTCTTCTCACTCCCGGGTCCGAGAGGTGGAGTCCGCTCCATTGATG
 ATGGAGAACATCCAGGAGCTCATCCGGTCCGCCAAGAAATGGACGAAATGAACGAACTGTACGATGACT
 CCTGGAGAAGCCAAAGCACTGGCAGGTACAGGAAATTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001025049
Insert Size: 951 bp



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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">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001025049.1</u> , <u>NP_001020220.1</u>
RefSeq Size:	1284 bp
RefSeq ORF:	951 bp
Locus ID:	500316
UniProt ID:	<u>Q6AY33</u>
Cytogenetics:	4q42
Gene Summary:	May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin.[UniProtKB/Swiss-Prot Function]