

Product datasheet for **MC218313**

Acrbp (NM_016845) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acrbp (NM_016845) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acrbp
Synonyms:	OY-TES-1; sp32
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218313 representing NM_016845
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGAATCTAGCTGCTGGCTTCTTCTGATGCTTCTGGAAGTCTGCTCCTGCCTGGAACACCTCTTT
 CCGCTGAGGAATCTCCAGCCTCCACTCCAGGCAGCCCTCTCTCGTCCACTGAGTATGAACGCTTCTTCGC
 CCTGCTGACCCCAACCTGGAAGGCAGAGACCACCTGCCGCCTCCGTGCCACCCACGGCTGCCGGAACCCC
 ACTCTCGTTCAGTTGGATCAATATGAAAACCACGGATTGGTACCAGATGGTGTCTGTCTGCTCCGATCTCC
 CTTATGCTTCTGGTTTGTGCTTCTGCCAGTTTGTCTCAGTATCGTTGCTCCAACCATGTCTACTATGC
 CAAGAGGGTCCGGTGTCCCAGCCCGTCTCCATCTATCCCCAACACTCTCAAGGAGGTGGAGTCTTCA
 GCAGAAGTTCTCCACTTCCATGACCACCCCATTTGTGTCCATGCCACAGCCACAGAACCAGGCGCT
 TCCAGCCTTGGCCTGAGCGGCTCAACAACAACGTGGAGGAGCTGTGCAGTCATCCTTGTCCCTGGGAGG
 CAAGGACCAACAGAGCAGTCGGAGACCAGGCCAGGAGCAGCGCAAGCAGGAGCAGATCCAAGAACATAAG
 CTAGAAGAAGCGCAGGAGCAAGAAGAGCAGGAAGAAGAGGAAGAGGAGGAGGAAGCAAGCAGGAAGAGG
 GGCAGGGGACAGAGGCGGGTCTGGAGTCACTGTCCAGGCTGCAGTCAGACTCAGAGCCCAAGTTTCAATC
 CCAGTCACTGTCTTCAACCCGCTCTTCTTCACTCCCCGGGTCCGAGAGGTGGAGTCTGCTCCATTGATG
 ATGAAGAATATCCAGGAGCTCATTCCGGTCTGCCAGGAAATGGATGAAATGAATGAATGAATGATGACT
 CCTGGAGAAGCCAAAGCACTGGCAGCCTCCAGCAGCTGCCCCACATGGAGACCCTGATGGTGCTATGCTA
 TTCCATTATGGAGAATACCTGCACCATGACTCCACAGCCAAGGCTGGAGCTACATGGAGGAGGAGATC
 CTTGGCTTCGGGGATTCCGGTGTGTGACAATCTCGGAAGGCGACACACAGCTGCCTGTCCCCTCTGTGCAT
 TCTGCTCCCTGAAGCTGGAGCAGTGCACAGTGAAGCCAGTGTGCTGCCCAGAAGTGTGACGCTTCCCA
 CAAGATACCCTTTCATCAGCCCTTGTCTCTCAGCCAGAGCATATCCACGGGCAACCAGGCGAGGATCCCA
 GATAAAGGACGATTTGCTGGGCTAGAAATGTACGGAGGACTCAGCTCAGAGTTCTGGTGCACCCGCTTG
 CTATGAAGGGCTGTGAAGATGACCGAGTCTCCTCAACTGGCTCAAAGCTGAGTTCCTTAGCTTCCAGGAGGG
 GGATTTCCCAACAGATTTGTGACACAACTATATCCAGTACCCAACTACTGTTCTTCAAAGCCAG
 CAGTGCCTGCTGAGAAACCAGAACAGAAAGATGTCCCGCATGAGGTGTATGCTGAATGAGAGGTACAACG
 TGCTAAGCCTGGTAAGAGCGAAGAGGTGATCCTTCGATGGAGCCAAGAGTTTAGCACTTGGCTATAGG
 CCAGTTTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_016845

Insert Size: 1623 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).

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:

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: [NM_016845.2](#), [NP_058541.2](#)

RefSeq Size: 1913 bp

RefSeq ORF: 1623 bp

Locus ID: 54137

UniProt ID: [Q3V140](#)

Cytogenetics: 6 F2

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]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).