

Product datasheet for **RN201396**

Acap3 (NM_001107999) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acap3 (NM_001107999) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acap3
Synonyms:	Centb5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201396 representing NM_001107999
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGCTATCTCTTTAAGAGAGCCAGCAATGCCTTCAAGACCTGGAACCGACGATGGTTCTCCATTC
 AGAACAGCCAGCTGGTCTACCAGAAAACTCAAGGATGCACTGACTGTGGTGGTAGATGACCTACGCCT
 ATGCTCTGTGAAGCCATGTGAGGACATCGAACGGAGGTTCTGCTTTGAAGTTGTGTCACCTACCAAGAGC
 TGTATGCTGCAGGCTGACTCGGAGAAGCTGCGACAGGCTTGGGTTCAAGCTGTGCAGGCTAGCATTGCCT
 CTGCCTACCGGGAGAGTCCAGATAGCTGCTACAGTGAGAGGCTGGACCGCACAGCATCACCATCAACAAG
 CAGCATTGATTCCACCACGGACTCTCGGGAGCGTGGAGTCAAGGGCGAGAGCGTGTGCAGCGAGTGCAG
 AGTGTGGCTGGTAACAGCCAGTGTGGCGACTGTGGCCAGCCAGATCCCCGCTGGGCCAGCATCAACCTGG
 GTGTGCTGCTCTGTATTGAGTGTCTCAGGCATCCACAGGAGCTTGGGTGTCCACTGCTCTAAGGTACGATC
 GCTTACACTGGATTCTCGGGAGCCAGAGCTGCTAAAGCTGATGTGTGAGCTTGGAAATAACACCATGAAC
 CAGATCTATGAGGCCAGTGTGAGGGCCAGGCATTAGAAAACCCACAGCCAGTAGTTCAGGCAGGACA
 AAGAGGCGTGGATCAAGGACAAATACGTTGAAAAGAAGTTCTCCGGAAGTTGACTTCTGCACCAGTCCG
 GGAACCCCAAGACGCTGGAGGGCACAGAAGTGCCAGCGCCCTCACAGCTCCCCCAGCCCCACCACC
 CGCCGCAAGGTCGGCTTGAGCCGCTTGGCCCTCCGTCGCTGCTTTGTCTCAGCTGGCACTATGGAGC
 GCAAGTCCGCGGAGACTCCCTCTTCTGCCCTGATGAGCTGGACTCCCTCTTCTCCTATTTTGTGAGCAGG
 GGCTGTGGGGCTGGTCCACGCAGTCTAAGCAGCGACAGTGGTCTAGGAGGTAGCTCTGATGGCAGTTCG
 GATGTTCTTGCCTTCGGGACAGGCTCTGTGGTGGACAGTGTACCGAGGAAGAGGGTGTGAGTCCGAGG
 AGTCCAGCAGTGAGGTAGATGGAGAAGCGGAGGCTGGAGCTTGGCAGATGTACGTGAGTGCATCCCGG
 GCTACTGGCACATCAAGCAGCAGTACCCGTGATCTGCCGCACTGGCTGCAGCACTGGCCATGGAGCT
 GAAGTCAACTGGGCTGACACGGCAGATGAGGGCAAGACACCCTGGTGCAGGCTGTACTAGGGGGTCTCT
 TGATTGTCTGTGAGTTCTCTGCAAAAATGGAGCTGATGTGAACCAAAGAGACAGCCTTGGCCGGGCACC
 ATTGCACCATGCTACACTCTTGGGCCGACTGGCCAGGCTGTCTATTCTGAAGCGGGGGCTGACCAG
 CATGCCCTGGACCAGGAGCAGCAGGACCCACTGACCATCGCAGTTCAGCAGCGAATGCTGACATTGTCA
 CACTGCTTCGCCCTGGCCCGCATGGCTGAGGAGATGAGAGAAGCTGAGGCACCCCTGGTCAGCCAGGCC
 CCTGCCAGGCAGCAGTCTACCGAGCTGCAGTACCGCAGGTGCATCCAGGAGTTCATTGGCTCCACCTG
 GAGGAAAGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107999
- Insert Size:** 1692 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_001107999.1](#), [NP_001101469.1](#)

RefSeq Size: 4440 bp

RefSeq ORF: 1692 bp

Locus ID: 313772

Cytogenetics: 5q36