

Product datasheet for **RN203005**

Acap1 (NM_001105796) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acap1 (NM_001105796) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acap1
Synonyms:	Centb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203005 representing NM_001105796
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACGGTCAAGCTAGATTTTGAAGAATGTCTCAAGGACTCACCCCGCTCCGAGCCTCGATTGAACTGG
 TGAAGCTGAAGTGTGAGAATTGGAGACCCGCCTGGAAAAGCTTCTCAAGCTGGGTTCTGCCTTCTGGA
 GAGTGGCCACCATTACCTTGCCGCCAGCCGGCCCTTCGTTGTTGGCATTGTGACCTGGCTCACCTGGGT
 CCACCAGAGCCCATGATGGCGGAGTGTCTGAAAAAATCACTGAGAGTCTGAACCACAAGCTGGACAGCC
 ATGCTGAGCTTCTGATGCTACTCAACACACACTCCAGCAGCAAATCCAGACTCTGGTCAAGGAAGTCT
 CCGGGGCTCCGAGAGGCTCGCAGGGATTTCTGGCGAGGGGCAGAGAGCCTGGAGGCTGCTTTCCAC
 AATGCAGAGGTCCCAGGCGCGTGTCCAAGAAGCAGAGGATGCTGGAAGTCTTTGAGGACCGCTAGAG
 CTGTGTACCGGAGCCGAGCATTAGATTATGCCCTGCAGGTCAATGTGATCGAGGATAAGAGGAAATTCGA
 CATCATGGAGTTCATACTGCGTTTGGTTGAGGCACAGGCCACCTATTTCCAGCAGGGCCATGAAGAGCTA
 AACCAGCTGGCTCAGTATCGGAAGGAATGGGTGCCAGTTGCACAACCTGGTCTTGAAGCTCAGCTCGTG
 AGAGGAGAGACATGGAACAGAGGCACGTGCTACTGAAGCAGAAGGAGCTGGTGGTGAGGAGCCAGAGCC
 CAGCCTAAAGGAGGGATCTAGTGGCTTGGTAATGGAAGGACATCTTTCAAACGCGCCAGCAATGCATTT
 AAGACCTGGAGCAGACGCTGGTTTACCATTGAGAAACCAACTGGTTTACCAGAAGAAATAAAGGACC
 CTGTAACCGTGGTGGTGGATGACCTTCGTCTGTACAGTGAAGCTCTGTCCAGACTCAGAAAGGCGTTT
 CTGTTTGAAGTAGTGTCCACCAGCAAGTCTGTCTCCTCCAGGCTGACTCTGAGCGTCTCCTGCAGTTG
 TGGTCAGTGTGTTCAAAGTAGCATTGCCCTCAGCCTTCACTGAGGCTCACCTGGAGAACAGCCCTCGGG
 GGCCAGGCCAGGTCTCAGGATACCATTTCCAGGCTCTGCTGCTACTCTGAGTTGTGGTGGACGCCAG
 AGGAAGGGAACTGGGGGAGTTGGGCAGGTGGCAGCCAGGTACAAAGTGTGGATGGAAATGCTCAGTGC
 TGCAGTGTAAAGGAGCCAGCCCCAGAGTGGCCAGCATCAACCTTGGTATCACTCTCTGCATTCACTGCT
 CCGGCATCCACAGGAGCCTTGGCGTTTATTCTCAAAGTCCGCTCTCTGACCCTTGATTCTGGGAACC
 AGAACTAGTGAAGCTTATGTGTGAGCTGGGGAATGTTGTCATCAACCAGATCTATGAGGCCCGGGTGGAG
 GCCATGGCCGTGAAGAAGCCAGGGCCAGCTGCTCCCGACAGGAAAAGGAAGCCTGGATTGATGCCAAGT
 ATGTGGAGAAAAAGTTCCTGACCAAGCTTCTGAAATTCGAGGGAGAAGAGGTGGCAGGGGACCCCAAG
 AGGACATCTCCTGTGCCCCAAAGCCTCCATCAGGCCACAGTCGGGGATTGTCAGATCCAAGTCAGAG
 TCCCCATCTGAAGACATAGGAAGCTGCACCCTGGGGCCTGCTGTTCCAAGCTGCTGGATATCCGCCAT
 CTCTTCTACCATGGCTGATGCCCTGGCCACGGAGCTGATGTCAACTGGGTCAATGCAGGCCAGGGGAA
 CGCCACACCTCTGATCCGGGCCACAGCTGCTAATTCTTCTTAGCCTGTGAGTTTCTCTCCAAAATGGG
 GCAAATGTGAACCAAGCAGACAGTGTGGCCGGGGCCACTCCACCATGCCACCATTCTTGGCCACACAG
 GGCTTGTCTTGTGTTCTGAAACGGGGTGCAGTCTGGGGGCTCGAGACACAGAAGGCAGGGACCCCTCT
 GACTATCGCAATGGAAACCACCAATGCTGACATCGTAACTCTGCTACGATTGGCAAAGATGAGGGAGGCT
 GAAGCGGCCAGGGCCAGACAGGAGACGAGACGTATCTCGACATATCCGAGACTTCTCCCTCATGGCGT
 CGGACGACCCAGAGAACTGAGCCGTGAAGTCACGACCTCCATACGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105796
Insert Size: 2223 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:	<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_001105796.2, NP_001099266.2</u>
RefSeq Size:	2468 bp
RefSeq ORF:	2223 bp
Locus ID:	287443
Cytogenetics:	10q24