

Product datasheet for **MC202886**

Acap1 (NM_153788) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acap1 (NM_153788) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acap1
Synonyms:	Centb1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031462 sequence for NM_153788
 GAGCTGCCTAGAAGTGGTGGGGTTAGAGCTCCTCTGGGTACCCCGGTCCCTTTGGGGAAGAATCCCA
 GACCCAGGCTCTTCTACCAGAGGATTCTTCTCCATTAATACCCCTCTTGGGGGGTGGGAGTGCATCTG
 CCTACATCCCCACCTACCTGACCTCCAGGGCCCCCAGGGCCCCAAAGCAAGTCACTGAGATGACGGTC
 AAGCTAGATTTTGAAGAATGTCTCAAGGACTCACCCCGCTCCGAGCCTCGATTGAACTGGTGGAACTG
 AAGTGTCAAGAATTGGAGACCCGCTGGAAAAGCTGCTAAAGCTGGGTTCCCTGCCTCTGGAGAGCCGACA
 CCATGATGGCGGAGTGTCTGGAAAAATTACCGTGAGTCTGAACCACAACTGGACAGCCATGCTGAGC
 TTCTTGATGCTACTCAACATACACTGCAGCAGCAATCCAGACTCTGGTCAAGGAAGGTCTCCGGGGCTT
 CCGAGAGGCTCGCAGGGATTTCTGGCGAGGGGCTGAGAACCTGGAGGCTGCTCTTACCCACAATGCAGAG
 GTCCCCAGGCGCGTGTCCAAGAAGCAGAGGAGGCTGGAAGTCTTTGAGGACCGCTCGAGCTGGGTACC
 GGAGTCGGGCATTAGATTATGCCCTGCAGGTCAATGTGATTGAGGATAAGAGGAAGTTCGACATCATGGA
 ATTCGACTGCGCTTGGTTGAGGCCAGGCCACTATTTCCAGCAGGGCCATGAAGAGCTAACAGGCTG
 GCTCAGTATCGGAAGGAATTGGGTACCCAGTTGCACAACCTGGTCTTGAAGTCAAGTCAAGAGAGAG
 ACATGGAACAGAGGCATGTGTTACTGAAGCAGAAGGAGCTGGGTGGCAGGAGCCAGAGCCAAGCCTAAA
 GGAGGGGCTAGTGGCTTGGTAATGGAAGGACATCTTTTCAAACGTGCCAGCAATGCATTTAAGACCTGG
 AGCAGACGCTGGTTCACCATTGAGAACAACCAGCTGGTTTACCAGAAGAAATATAAGGACCTGTAAACCG
 TGGTGGTAGACGACCTTCGTCTCTGTACAGTGAAGCTCTGTCCAGACTCAGAAAGGCGTTTCTGTTTCGA
 AGTAGTGTCCACCAGCAAGTCTGTTTCTCCAGGCTGACTCTGAGCGTCTCCTGCGAGCTGTGGGTCACT
 GCTGTCCAGAGCAGCATTGCCTCAGCCTCAGCCAGGCTCACCTGGAGAACAGCCCTCGGGGGCCAGGCC
 AGGTCTCAGGATACCATGCCCGGGCTCTGCTGCAACTCTGGCCTGTGGCGGGCCAGCCAGAGGAAGGGA
 GTCTGGAGGAGTTGGTCAGGTAGCGGCCAGGTACAAAGCGTGGATGGAATGCGCAATGCTGCGACTGC
 AGGGAGCCAGCCAGAGTGGCCAGCATCAACCTTGGCGTCACTCTGCATTCACTGTTTGGCATCC
 ACAGGAGCTCGGAGTTCAATTTCTCAAAGTCCGCTCTCTGACCTTGACTCCTGGGAACAGAACTGGT
 GAAGCTTATGTGCGAGCTGGGGAATGTCATCATCAACCAGATCTATGAGGCCGGGTGGAGGCCATGGCG
 GTGAAGAAGCCAGGGCCAGCTGCTCCCGCAGGAAAAGGAAGCCTGGATTATGCCAAGTATGTGGAGA
 AAAAGTTCCTGACCAAATTCCTGAAATCCGTGGGCGAAGAGGTGGCAGGGGACCCCAAGAGGACATCC
 TCCTGTGCCCCAAAGCCTCCCATCAGGCCACACTCGGGCATTGTGAGATCCAAATCAGAGTGCCCGTCT
 GATGACATGGGAAGCCTGCACCCCGGGCCCTGCTGTTTCAAGTCTGGACATCCCCATCTCTTCTCTA
 CCATGGCTGATGCCCTGGCCATGGAGTGTGATGCAACTGGGTCAATGTGGGCCAGGGGAATGCCACACC
 TCTGATCCGGCCACAGCTGCTAACTCTTCTGGCCTGCGAGTTTCTCCTCAAATGGGGCGAATGTG
 AACCAAGCAGACAGTGGCGGGGGTCTCTCCACCATGCCACATTCTTGGTACACAGGGCTCGCTT
 GCCTGTTCTGAAACGGGGTGTGATCTGGGGGCTCGAGACACAGAAGGCAGGGACCCCTCTGACTATCGC
 AATGGAACCACTAATGCTGACATCGTAACCTGCTACGATTGGCAAAGATGAGGGAGGCTGAAGCGGCC
 CAGGGCCAGGCAGGAGACGAGACGTATCTCGACATATTCCGAGACTTCTCCCTCATGGCGTCCGACGACC
 CAGAGAACTGAGCCGTCGCAGTCACGACCTCCATACTCTGTGATTCCAGGCTCTCCCCACCCTGCCCC
 ATTGAAGTCTCCATTAAGTCTCTCAGCTTGGAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_153788

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:

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: [BC031462](#), [AAH31462](#)

RefSeq Size: 2534 bp

RefSeq ORF: 2223 bp

Locus ID: 216859

UniProt ID: [Q8K2H4](#)

Cytogenetics: 11 B3

Gene Summary: GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6) required for clathrin-dependent export of proteins from recycling endosomes to trans-Golgi network and cell surface. Required for regulated export of ITGB1 from recycling endosomes to the cell surface and ITGB1-dependent cell migration (By similarity).[UniProtKB/Swiss-Prot Function]