

Product datasheet for **RN202961**

Acap2 (NM_001034006) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acap2 (NM_001034006) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acap2
Synonyms:	Centb2; cnt-b2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202961 representing NM_001034006
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGATGACGGTGGATTTTCGAGGAGTGTCTGAAGGACTCGCCCGTTTCAGGGCTGCTTTGGAAGAAG
 TAGAAGGAGATGTGGCTGAGCTGGAAGTAAACTGGACAAGCTGGTAAAACCTTTGTATCGCGATGATTGA
 TACCGGCAAAGCCTTTTGTGCCGCAAATAAACAGTTCATGAATGGGATCCGAGACCTGGCCCAATTCT
 AGCAATGACGCTGTGGTTGAGACGAGTTTGACCAAGTTTTCTGACAGTCTTCAGGAAATGATCAATTTCC
 ACACAATTCTGTTTGACCAAACTCAGAGATCAATTAAGGCCAGCTTCAGAACTTTGTCAAAGAAGATCT
 TAGAAAATTCAAAGATGCCAAGAAACAATTTGAAAAAGTCAGTGAAGAAAAGGAAAACGCTCTAGTAAAA
 AACGCCCAAGTTCAAAGAAAACAAGCAGCAGAGGTTGAAGAGGCTGCAAACATTCTCACGCCACGCGGA
 AGTGCTTCGGGCACATAGCGCTCGACTATGTCCTGCAGATTAACGTGCTTCAATCAAAAAGGAGATCGGA
 AATCCTGAAATCAATGCTGCCTTCATGTATGCACATCTGGCCTTCTCCATCAAGGGTATGACCTGTT
 AGTGAGCTTGGGCCCTACATGAAAGATCTTGGCGCACAGTTGGATCGACTGGTTGTGGATGCAGCAAAGG
 AGAAAAGAGAAATGGAGCAAAAACATTCTACGATCCAGCAGAAGGATTTCTCCAGTGATGATTCCAAGT
 AGAGTATAACGTAGACGCTGCAAACGGCATTGTATGGAAGGGTATCTGTTCAAACGAGCCAGCAACGCC
 TTCAAACGTTGGAACAGACGCTGGTTCTCCATACAGAACAATCAGCTGGTTTACCAGAAAAAGTTTAAAG
 ACAGCCCCACTGTGGTGGTGAAGACCTCAGGCTCTGCACAGTGAAGCACTGTGAAGACATCGAGCGACG
 GTTCTGCTTTGAGGTCGTCTCTCCACAAAAAGTTGCATGCTCCAAGCAGATTCGAAAAGCTTCGCCAG
 GCCTGGATTAAGGCTGTTAGACCAAGTATTGCAACTGCTTACAGAGAGAAAAGCGGATGAATCAGAGAAA
 TGGATAAGAAATCGTCTCCATCGACAGGAAGCCTAGATTCTGGAAGTGAGTCTAAAGAGAAATTAAGTAA
 AGGAGAAAAGTGCTCTGCAGCGTGTGCAGTGTATCCCTGGCAACACCAGCTGCTGCCACTGTGGTCTCGCA
 GACCCCGCTGGGCCAGCATCAACCTGGCATTACCTTGTGATTGAGTGTCTGGGATTCATCGGAGTC
 TCGGGTTTCAATTTTCGAAAGTGAGATCTTAACTTTAGACACTTGGGAGCCTGAGCTCTTAAAGCTTAT
 GTGTGAAGTGGGAACGATGTTATAAATCGTGTTTATGAAGCTAAACTGGAAAAATGGGAGTAAAGAAA
 CCACAGCCAGGACAAAGACAGGAGAAGGAGGCATATATCAGAGCAAAATATGTGGAGAGGAAATTCGTGG
 AATAAATCTACATTGCTGTACCTTCCGAGCAGGAGAAAAGGATCATCTCAAGAGCTGTGAGGACCA
 GAGACTGAGCCACACCAGAGTGTCTGTCCACACCCAGTCAAAGTAATGACAGTGGGATCCAGCAATGC
 TCTGATGATGGACGGGAGTCTTTACCTCCACCGTGTGAGCAATAGCTTATACGAGCCGAGGAGAAA
 GGCAAGAATCTTCTGTGTTTCTCGACTCTAAACATCTTAATCCAGGACTTCAGCTTTATAGGGCTTCGTA
 TGAaaaaaacctcccaaatggccgagcctttggctcatggtgcagatgtgaaactgggctaattcagat
 gaaaaccaagcaaccactcattcaggctgtattagggggctctttggtgacatgtgagttcctgtttgc
 agaatggtgctaatgtgaaccaagagatgtccaagggcggggaccgctgcaccacgccaccgcttagg
 acacacagggcaggtatgTTTTTCTTAAAGCGAGGTGCCAATCAACATGCCACTGATGAAGAGGGGAAG
 GACCTCTGAGTATAGCTGTGGAAGCAGCAATGCTGACATAGTAACGCTGTTACGCTTAGCAAGAATGA
 ATGAGGAAATGCGGGAATCCGAAGGACTTTATGGACAGCCAGGTGATGAACTTACCAGGATATCTCCG
 TGATTTTTCTCAAATGGCATCCAATAATCCAGAGAACTCAATCGTTTCCAGCAAGATTCACAGAAGTTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001034006
Insert Size: 2313 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_001034006.2</u> , <u>NP_001029178.1</u>
RefSeq Size:	3579 bp
RefSeq ORF:	2313 bp
Locus ID:	619382
UniProt ID:	<u>Q5FVC7</u>
Cytogenetics:	11q22
Gene Summary:	GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6).[UniProtKB/Swiss-Prot Function]