

## Product datasheet for **MC221511**

### **Acap2 (NM\_030138) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Acap2 (NM_030138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acap2
Synonyms:	4832442G16; 9530039J15Rik; Centb2; CNT-B2; mKIAA0041
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221511 representing NM\_030138  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGATGACGGTGGATTTTCGAGGAGTGTCTGAAGGACTCGCCCGCTTCAGGGCTGCTTTGGAAGAGG  
 TAGAAGGAGATGTGGCTGAGCTGGAACAAAACCTCGACAAGCTTGTGAACTGTGTATCGCGATGATTGA  
 CACTGGCAAAGCCTTTTGTGTTGCAAATAAACAGTTCATGAATGGGATCCGAGACCTGGCCCACTATTCT  
 AGCAATGATGCTGTGGTTGAGACAAGTTTGACCAAGTTTTCTGACAGTCTTCAGGAAATGATCAATTTCC  
 ACACAATTCTGTTTGACCAAAACCCAGAGATCAATTAAGGCCAGCTTCAGAACTTTGTCAAAGAAGATCT  
 TAGAAAATTCAAAGATGCCAAGAAACAATTTGAAAAAGTCAGTGAAGAAAAGGAAAACGCACTAGTAAAA  
 AATGCCCAAGTTCAAAGAAAACAACAGCAGCAGGTTGAAGAGGCTGCAAACATTCTCACGCCACCGCGGA  
 AATGCTTCGGGCACATAGCGCTTGACTACGTCCTGCAGATCAATGTGCTTCAGTCAAACGGAGATCGGA  
 AATCCTGAAATCAATGCTGTCCTTCATGTACGCACATCTGGCCTTCTCCATCAAGGGTATGACCTGTT  
 AGTGAGCTTGGGCCCTACATGAAAGATCTTGGAGCACAGTTGGATCGACTGGTTGTAGATGCAGCAAAGG  
 AGAAAAGAGAGATGGAGCAAAAACACTCTACGATCCAGCAGAAGGATTTCTCCAGTGACGATTCCAAGCT  
 AGAGTATAATGTAGACGCTGCAATGGCATTGTATGGAAGGGTATCTGTTCAAACGAGCCAGCAACGCC  
 TTCAAACCGTGGAAACAGACGCTGGTTCTCCATACAGAACAATCAGTTGGTTTACCAGAAAAAGTTTAAAG  
 ACAGCCCCACTGTGGTGGTGAAGACCTCAGGCTCTGCACAGTGAAGCATTGCGAAGACATCGAGCGGG  
 GTTCTGCTTTGAGGTCGTCTCTCAACAAAAAGTTGTATGCTCCAGGCAGATTCTGAAAAGCTTCGCCAG  
 GCCTGGATTAAGGCTGTTAGACCAGTATTGCAACTGCTTATAGAGAGAAGGGCGATGAATCAGAGAAAT  
 TGGATAAGAAGTCGTCCCATCAACCGGAAGCCTAGATTCTGAAAATGAATCAAAGAGAAGTTATTGAA  
 AGGAGAAAAGTGCTCTGCAGCGTGTGCAGTGTATCCCTGGCAACACCAGCTGCTGTGACTGTGGTCTGGCA  
 GACCCACGGTGGGCCAGCATCAACCTGGGCATTACCTTGTGCATTGAGTGTCTGGGATTCATCGGAGCC  
 TTGGGGTTCATTTTTCGAAAAGTAAGATCTTTAACTTTAGACACTTGGGAGCCAGAGCTCTTAAAGCTTAT  
 GTGTGAATTGGGAAATGATGTTATAAATCGAGTTTATGAAGCTAAACTGGAAAAATGGGTGTAAGAAA  
 CCACAGCCAGGACAAAGACAGGAGAAGGAGGCATATATCAGAGCGAAATATGTGGAAAGGAAATTTGTGG  
 ATAAGTACTCTGCATTGCTGTCTCCGTCTGAGCAGGAAAAAGGATCATCTTAAGAGCTGCGAGGACCA  
 GAGGCTGAGCCATGCCAGAGCATCTGTCCACACCCAGTCAAAGTAATGACAGCGGGATCCAGCAATGC  
 TCTGAGGATGGACGAGAATCTCTACCTCCACGGTGTGAGCAATAGCTTATATGAGCCTGAAGGAGAAA  
 GGCAAGAGTCTTCTGTGTTTCTTGACTCTAAACATCTTAATCCAGGACTTCAGCTTTATAGGGCTTCGTA  
 CGAAAAAACCTTCCAAGATGGCTGAGGCTTTGGCTCACGGTGCAGATGTGAACTGGGCTAATTAGAT  
 GAAAACCAAGCAACACCACTCATCCAGGCTGTATTAGGGGGCTCTTTGGTGACATGTGAGTTCCTGTTGC  
 AGAATGGTGCTAATGTGAACCAAGAGATGTCCAAGGCCGGGGACCAGTGCACCATGCCACCGTCTTAGG  
 ACACACAGGGCAGGTGTGCTTATTCCTCAAGCGAGGTGCCAATCAACATGCCACTGACGAGGAGGGGAAG  
 GACCTCTGAGTATCGCCGTGGAAGCAGCAACGCTGACATAGTAACCTGTTACGCTTAGCAAGAATGA  
 ATGAGGAAATGCGGGAATCAGAAGGACTTTATGGACAGCCAGGTGATGAACTTACCAGGATATTTTTCG  
 TGATTTTTCTCAAATGGCATCCAATAATCCAGAGAACTCAATCGTTTCCAGCAAGATTCACAGAAGTTC  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_030138  
**Insert Size:** 2313 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_030138.2</a> , <a href="#">NP_084414.1</a>
<b>RefSeq Size:</b>	6493 bp
<b>RefSeq ORF:</b>	2313 bp
<b>Locus ID:</b>	78618
<b>UniProt ID:</b>	<a href="#">Q6ZQK5</a>
<b>Cytogenetics:</b>	16 B2
<b>Gene Summary:</b>	GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6).[UniProtKB/Swiss-Prot Function]