

## Product datasheet for **MC203184**

### Adap2 (NM\_172133) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Adap2 (NM\_172133) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Adap2  
**Synonyms:** Centa2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC027165  
 GCGGGAAGCACAGAGGTGGCAGGGTTGAGCCCCGCTGAGACCTCTGGGCCGGCCATGGGCGACCGCGAGC  
 GCAACAAGAAGCGGCTGCTGGAGCTGCTGCAGGCTGCGGGCACCGGCAACGGGCACTGCGCCGACTGCGG  
 GGCAGCGGATCCTGATTGGCCTCTTACAAGCTGGGATTTTCATCTGTCTCCACTGCTCTGGCGTCCAC  
 CGCAACTTCCCAGACATCAGCAAAGTTAAATCCGTGAGACTGGACTTCTGGGACGACAGTATGGTGGAGT  
 TCATGACTCACCATGGGAACCTCAACGTGAAAGCCAAGTTTGAAGCAAGAGTCCCAGCTTCTACTATGT  
 CCCTCAGGCCAACGACTGCCTGGTCTTAAAGGAACAATGGATTGAGCTAAGTATGAAAGACAGGAGTTT  
 ACGGCTATTGACAAAGCTGTCTCACATCCAGGTAACCGAGAAGGGTTCTGTGGAAGCGAGGACGGGACA  
 ACGCACAGTTCCTGAGAAGGCGGTTTGTCTTCTGTGAGGGAAGGCTCCTGAAGTACTACACCAAGGA  
 GGAGGGTAAAGCCCCAAAGGCTGTCATCAGCATCAAGGACTTAAACGCCACCTTCCAGACAGAGAAGATA  
 GGACATCCCCACGGGCTGCAGATCACCTACAGGAAAGAGGGCCACACCAGGAACCTGTTTGTTCATG  
 ACAGTGGGAAGGAGATAGTGGATTGGTTCAATGCTCTCCGTGCAGCCCGCTGCAATACCTGAAATTGGC  
 CTTTCCTGATCTCCCAGAGTCTGAGCTCGTGCCTCTCATCACCAGGAACTACCTCAAACAAGGCTTCATG  
 GAGAAGACTGGTCCAAAGCATAGAGAACCCTTCAAGAAAAGATGGTTTGCCTTGGATCCGCGAAGACGGA  
 GGCTGCTCTATTATAAGAACCCCTGGATGCTTTTGGAGCTGGGCCAGGTTTTTCTGGGAAGCAATGAGCA  
 GGGATATGAAGTATGGGAAGATCTGCCAAGGGCATCCGAGGGAACCGCTGGAAGGCTGGACTTACCGTC  
 ATCACTCCGGAGCGGAAATTCATCTTCACTGCCCACTGAAAAGGAACGCGAGAATGGCTAGAGAGTC  
 TGCGGGGCGTCTTGTCAGTCCCTTGTCAACCCCTCCACCTCCTCACCACATCAGCAGAGACTGGCTGTGG  
 CCTGGGGTGACCCATCTCGGAGGATCTGGCTGGCTACTGTGCATCTGAAGTTCTGGAGAAGTGTTACCT  
 CAGCCCTAGTTGTCCAGAAGGAAGCCCTGAGGCCAGCAGCTGCCCACTAGTGAACCTCCAGGGTGTGGTT  
 GATCCTACGACTCCCCGTGCTCCTTCCAGCAAACCTCTCCTCAGTCTTGAGGAGCTGGTATGGAGAAGAAT  
 TCAGCTCTCCAAGCTTAGAAGTCTGAAGGTTCTCATAACTGCACCAAGAGCTGGCCATGGTACGCA  
 TGCCAGGCAAGAGGCGAGGGTGCCATGAGCCAGTGACAACCTGGACTACACTGGGGTTTCAGTTCAGCC  
 TGAGTTACATAGCAAGACCTTGCTCAGAAACAAACAAACAAACAAACCAAAACCAAAAAAAAAAAAAA A

**Restriction Sites:** RsrII-NotI



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ACCN:	NM_172133
Insert Size:	1146 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"><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>
RefSeq:	<a href="#">BC027165</a> , <a href="#">AAH27165</a>
RefSeq Size:	1611 bp
RefSeq ORF:	1146 bp
Locus ID:	216991
UniProt ID:	<a href="#">Q8R2V5</a>
Cytogenetics:	11 47.56 cM
Gene Summary:	GTPase-activating protein for the ADP ribosylation factor family (Potential). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). Possesses a stoichiometry of two binding sites for InsP4 with identical affinity (By similarity).[UniProtKB/Swiss-Prot Function]