

## Product datasheet for RN210293

### Adap1 (NM\_133567) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adap1 (NM_133567) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adap1
Synonyms:	Centa1; p42IP4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210293 representing NM_133567 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGCCGGGGAGCGGCCGGGGCGCTGCTGGAGCTGCTGACGCGTCCGGGGAACTCGCGTCTGCGTCTGACT  
GCGGAGCCCCGGATCCTGACTGGGCGTCTACACCCTGGGTGTTCATCTGTTTGGAGCTGCTCTGGGAT  
CCACCGAACATCCCCAGGTCAGCAAGGTGAAGTCAGTTCGTCGATCCCTGGGATGAGACCCAAGTT  
GAGTTCATGACATCTCATGGGAACGAGGCTGCCAGAGCCACATTTGAGTCCAAAGTACCACCTTCTACT  
ACCGGCCACGTTCTCCGACTGCCAACTCCTACGTGAGCAGTGGATCCGTGCCAAGTATGAGAGGCAAGA  
ATTCCTTCATGTGGAGAAACAGGAACCGTACTCTACAGGATACCGTGAGGGCCTTCTCTGGAAGCGTGGC  
CGGGACAACGGACAGTTCTTAAGTCGGAAGTTTGTGCTGACAGAACGAGAGGGTCTCTGAAATACTTCA  
ACAAAAATGACGCTAAGGAGCCTAAGGCTGTCAAGATTGAGCACCTGAATGCCACCTCCAGCCAGC  
CAAGATCGGCCACCCCATGGCCTGCAGGTCACCTACTGAAGGACAACAGCACTCGCAACATCTTTATC  
TACCACGAGGATGGCAAGGAGATCGTGGACTGGTCAATGCGCTGCGAGCAGCCCGCTTCCACTACCTGC  
AGGTGGCTTTCCAGGAGCCAGTGACGCAGATCTGGTGCCCAAGCTCTAGGAACTACCTGAAGGAAGG  
CTACATGGAGAAGACAGGGCCCAAGCAGACAGAAGGCTTTCGGAAGCGCTGGTTACCATGGACGACCCGG  
AGGCTCATGTACTTCAAAGACCTCTGGATGCCTTTGCCCGAGGGGAAGTCTTCATTGGCAGCAAGGAAA  
GTGGTTACACGGTCTGGAGGGCCTCCACCGTCAACCCAGAGTCACCACTGGCCCCATGGCATCACCAT  
TGTCACCCCTGACCGAAAATTCTGTTCACGTGTGAGACAGAGTCAGACCAGAGGGAGTGGATAGCAGCC  
TTCCAGAAGGTGGTGGACAGGCCATGCTGCCTCAGGAGTACGCAGTGGAAAGCCCACTTCAAGCATAAAC  
CCTAA

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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<b>ACCN:</b>	NM_133567
<b>Insert Size:</b>	1125 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>	<u>NM_133567.2, NP_598251.1</u>
<b>RefSeq Size:</b>	2387 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	171097
<b>Cytogenetics:</b>	12q11
<b>Gene Summary:</b>	binds inositol(1,3,4,5)tetrakisphosphate (InsP4) and phosphatidylinositol(3,4,5)trisphosphate (PtdInsP3);involved in inositol phosphate or inositol lipid signal transduction [RGD, Feb 2006]