

Product datasheet for **RN213492**

Add1 (NM_016990) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Add1 (NM_016990) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Add1
Synonyms:	MGC124621
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213492 representing NM_016990
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGGTGACACGCGGCCGAGTGGTGACCTCACCACCTCCAACCACAGCCCCTCACAAGGAGAGGT
 ACTTTGACAGAGTCGATGAGAACAATCCAGAATATTTGCGGGAGAGGAACATGGCACCAGACCTTGTCA
 GGACTTCAATATGATGGAGCAGAAGAAGAGGGTGTCTATGATTCTGCAGAGTCCCGCCTTCTGTGAAGAG
 CTGGAGTCTATGATACAGGAGCAGTTTAAAGAAGGGGAAGAACCCTACAGGCCTGTTGGCATTACAGCAGA
 TTGCGGATTTTATGACGGCAGTGTGCCAATGTCTACCGGCAGCTCCACAAGGAGGAATGGCCGCCCT
 GAACATGAGTCTTGGTATGGTTACTCCTGTGAATGACCTTAGAGGATCTGATTCTATTGCATATGACAAG
 GGGGAGAAGTTACTGCGATGTAAGCTGGCAGCATTTTACAGACTAGCAGACCTCTTTGGCTGGTCTCAGC
 TTATCTACAATCACATCACACCAGAGTGAACCTGAGCAGGAGCACTTCTCATCGTGCCTTTCCGACT
 TCTCTACAGTGAAGTACTGCGTCCAGCCTGGTTAAGGTCAATCTACAAGGAGACATAGTAGCCGCGGA
 AGTACTAACCTGGGAGTCAACCAGGCCGCTTACCTTGCCTCGCCATTTATGCTGCAGCACCAGATG
 CCAAGTGCATTGTGCACATTCACACACCAGCAGGGCTGCGGTCTCTGCAATGAAGTGTGGGCTCTTGCC
 TATTTCCCGGAGGCGCTTCCCTTGGAGAGGTTGCTTATCATGACTATCATGGCATTCTGGTTGATGAA
 GAGGAAAAATTTTATTGATTGAGAAGTCTGGGCCCTAAAAGCAAGGTTCTCATTCTCCGGAATCACGGGC
 TCGTGTCAAGTGGAGAGAGTGTGGAGGAGGCTTCTATTATATCCACAACCTTGTGGTTGCATGTGAGAT
 CCAGGTTGCAACTCTGGCAAGTCTGGAGGACCAGACAATAGTTCTGCTGGATCCTGGGAAGTACAAA
 GCCAAATCCCGTCTCCAGGGACTCCAGCAGGGGAAGGCTCTGGATCACCTCCCAAGTGGCAGATTGGGG
 AGCAGGAATTTGAAGCTTTATGCGGATGCTCGATAATCTGGGCTACAGAATGGTACCCTATCGATA
 CCTGCTCTGAGAGAGAGATCTAAAAAGTACAGCGATGTGGAAGTCCCTGCCAGTGTACCAGGCCACTCC
 TTTGCTAGTGACGGCATTTCGGGCACTTCTCGCCGCTCAGACACAGTTTTTCAGAAGCAGCAGCAGGAGA
 AGACAAGATGGCTGAACTCTGGCCGGGTGATGACGCTTCTGAGGAGGGCAGAACGGAAGCAGTCCCAA
 GTCGAAGACTAAGTGGACTAAAGAGGATGGACATAGAATCCACCTCTGCTGTCCCTAACCTGTTTGT
 CCATTGAACACTAACCCAAAAGAGGTCCAGGAGATGAGGAACAAGATTGAGAGCAGAATACAGGACA
 TTAAGACGGCAGGACCTCAGTCGAGGTTTTGTGGTGTGATGATGGACAGAAGCCTTGTCCAGGGGGA
 GCTCGTGACGGCCTCAAAGCCATCATTGAGAAGGAATACCAGCCTCATGTAATTGTGAGCACCACAGGT
 CCCAACCCCTTAAACACGCTCACAGACCTGAACTAGAGGAATACCGCCGAGAGGTGGAGCGGAAGCAGA
 AGGGCTCTGAAGAGAACCTGGACGAGACAAGAGAGCAGAAAGAGAAGAGTCTCCAGACCAGTCACTGT
 TCCCAACTCCGCCAGCACTCCCGTCAAGCTTGAAGGAGGCCTTCCCAGGAGCCGACATCCAGGGAT
 GGCAGCGATGCCACCACCTCAAAGCCGACTCCCGCTGACCTCTCCCTGATGAGCCTTCAAGCACTTG
 CCTTCCCAACAGTGGCAGAGGAAGCCATGCTTCCCAGACCACTCAGCCCCTTGTGAGGCTGACCC
 TGAGCCAGCCTCAGCCTCAGCTCCAGGAGCTGAAGAGGTAGCCTCCCCTGCCACTGAGGAGGGGTCTCC
 ATGGACCCTGGCAGCGATGGGTCTCCAGGCAAGTCCCATCCAAGAAGAAGAAGAAGTCCCGACCCCGT
 CCTTCTGAAGAAGAGCAAGAAGAAGAGTGACTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_016990

Insert Size: 2208 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_016990.2</u> , <u>NP_058686.2</u>
RefSeq Size:	3826 bp
RefSeq ORF:	2208 bp
Locus ID:	24170
UniProt ID:	<u>Q63028</u>
Cytogenetics:	14q21
Gene Summary:	may play a role in membrane cytoskeleton ion transport and signal transduction [RGD, Feb 2006]