

Product datasheet for **RN217127**

Add3 (NM_001164103) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Add3 (NM_001164103) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Add3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217127 representing NM_001164103
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTTCAGACACCAGCCAAGCGGTGATCACCACCCCTCCTCCTCCAGCATGCCTCACAAAGAGAGGT
 ATTTTGACCGAATCAATGAAAGTGACCCAGAATACCTTCGAGAGAGGAACATGTCTCCTGATCTACGGCA
 GGACTTCAATATGATGGAGCAGAGGAAGCGAGTCACTCAGATCCTGCAGAGTCTGCCTTTCGGGAAGAC
 CTAGAGTGCCTCATCCAAGAACAGATGAAGAAAGGCCACGACCCGACCGATTGTAGCGTTACAGCAGA
 TCGCCGACTACATCATGGCCAACCTTACCAGGTTTTTCTTACCTCCCTGAGTCTTGGCATGGTCAC
 TCCTATTAATGACCTTCTGGTGCAGACACATCCTCGTATGTGAAGGGAGAGAAGCTCACTCGTTGCAAA
 CTCGCCAGCCTGTACAGACTCGCAGATCTGTTGGGTGGGCACATCTGGCAAATACATACATCTCGGTAC
 GAGTAAGTAAGGAGCAGGACCACATCATAATCATCCCCAGAGGCCTCTTTCTCTGAAGCCACAGCCTC
 TGCTCTGGTGAAGGTCAACATAATAGGAGAAGTGGTGGACCAGGGGAGTACTAATTTGAAAATTGACCAC
 TCAGGATTCAGTCCCATGCTGCAATCTATTCAACCCGTCCTGATGTGAAGTGTGTGATACACATCCACA
 CCCTCGCTACAGCAGCTGTGCTTCCATGAAGTGTGGGATCCTTCCAATTTCCCAAGAGTCTCTCATCCT
 GGGAGATGTAGCCTATTGACTACCAGGGTCTGCTTGTGAGGAGGAGGAAAGAATCGAACTTCAGAAA
 GTTCTGGGTCCAAGCTGTAAAGTGTGCTCCTCAGGAACCATGGCGTGGTAGCTCTTGGAGAAACACTTG
 AGGAGGCTTCCACTACATCTTCAATGTACAGATGGCCTGTGAGATTCAAGTGCAGGCTGTAGCAGGGGC
 AGGGGGAGTGGACAATCTTCTACTGGATCTTCAGAAATACAAAGCTTTCACCCACGGTGTGCCATG
 ACTGGAGGAGGCGGTGTGAATATGGGTTCCCATCAGAAGTGAAAGTTGGCGAGATTGAGTTTGAAGGGC
 TCATGAGAACCCTGGACAACCTGGGCTACAGAACAGGCTACGCATACAGGCATCCTTAGTTCGAGAGAA
 GCCTCGGCACAAGAGTGACGTGGAGATCCAGCAACTGTGACTGCATTCTCCTTTGAAGATGATAGTGTG
 CCACTCTCTCCCCTCAAGTACATGGCACAGAGACAGCAGCGTGAAAAACAAGATGGCTGAATTCTCCAA
 ATACATACATGAAAGTGAATGTGCCGGAGGAGTCCCGAACGGGAAACTAGTCCCAGGACCAAAAATAAC
 GTGGATGAAAGCAGAGGACCCCTCTAAAGTTAGTAGTGGAAACACCTATCAAAATTGAAGATCCCAATCAG
 TTTGTTCTCTAAACACGAACCCGACTGAGGTGCTGGAGAAGAGAAATAAGATTCGGGAACAGAATCGCT
 ATGACCTGAAGACAGCAGGGCCACAGTCTCAGCTGCTGGCGGGGATCGTTGTGGACAAACCGCCTCTAC
 CATGCGGTTTGAAGACGATGATCAGGGCCACCAGCCCTCTAACCCATTCACTCATCTCATGGAAGGA
 GAACCTGAAGAATATACGAAGACAATCGAGAGAAAGCAGCAAGGCCTGGACGACGCTGAGCAGGAGTAC
 TGTGAGATGATGCTGCATCTGTTTCACAAATTCAGTCTCAAACTCAGTACCGCAAAGTGTCCCTGAGAG
 ATTAGAAGAAAACCAGAGCTGTTTTCCAAGAGCTTACCTCTGTGGATGTGCCTGTCATTGTGAATGGC
 AAGGACGAGATGCACGATGTTGAAGACGAGCTCGCTCAGCGCGTACGAGGCTCACGACGAGCACCACCA
 TAGAGAACATCGAGATCACCATCAAGTCCCAGACAGAACTGAAGAGGTCTGTACCCGATGGCTCGCC
 TTCAAAGTCACCATCCAAGAAAAAGAAGAAATTCGACACCTTCTTTTCTCAAAAAGAACAAAAAAG
 GAGAAAGTTGAGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164103

Insert Size: 2118 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001164103.1</u> , <u>NP_001157575.1</u>
RefSeq Size:	4194 bp
RefSeq ORF:	2118 bp
Locus ID:	25230
UniProt ID:	<u>Q62847</u>
Cytogenetics:	1q55
Gene Summary:	binds phosphatidylserine, binds and is phosphorylated by protein kinase C [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).