

Product datasheet for **RR217127**

Add3 (NM_001164103) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR217127 representing NM_001164103
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCAGACACCAGCCAAGCGGTGATCACCACCCCTCCTCCTCCAGCATGCCTCACAAAGAGAGGT
 ATTTTGACCGAATCAATGAAAGTGACCCAGAATACCTTCGAGAGAGGAACATGTCTCCTGATCTACGGCA
 GGACTTCAATATGATGGAGCAGAGGAAGCGAGTCACTCAGATCCTGCAGAGTCTGCCTTTTCGGGAAGAC
 CTAGAGTGCCTCATCCAAGAACAGATGAAGAAAGGCCACGACCCGACCGGATTGTAGCGTTACAGCAGA
 TCGCCGACTACATCATGGCCAACCTTACCAGGTTTTTCTTACCTCCCTGAGTCTTGGCATGGTCAC
 TCCTATTAATGACCTTCTGGTGCAGACACATCCTCGTATGTGAAGGGAGAGAAGCTCACTCGTTGCAAA
 CTCGCCAGCCTGTACAGACTCGCAGATCTGTTGGGTGGGCACATCTGGCAAATACATACATCTCGGTAC
 GAGTAAGTAAGGAGCAGGACCACATCATAATCATCCCCAGAGGCCTCTTTCTCTGAAGCCACAGCCTC
 TGCTCTGGTGAAGGTCAACATAATAGGAGAAGTGGTGGACCAGGGGAGTACTAATTTGAAAATTGACCAC
 TCAGGATTCAGTCCCATGCTGCAATCTATTCAACCCGTCCCGATGTGAAGTGTGTGATACACATCCACA
 CCCTCGCTACAGCAGCTGTGCTTCCATGAAGTGTGGGATCCTTCCAATTTCCCAAGAGTCTCTCATCCT
 GGGAGATGTAGCCTATTAGACTACCAGGGTGCCTTGATGAGGAGGAGGAAAGAATCGAACTTCAGAAA
 GTTCTGGGTCCAAGCTGAAGGTGCTGGTCTCAGGAACCATGGCGTGGTAGCTCTTGGAGAAACACTTG
 AGGAGGCTTCCACTACATCTTCAATGTACAGATGGCCTGTGAGATTCAAGTGCAGGCTGTAGCAGGGGC
 AGGGGGAGTGGACAATCTTCTACTGGATCTTCAGAAATACAAAGCTTTCACCCACGGTGTGCCATG
 ACTGGAGGAGGCGGTGTGAATATGGGTTCCCATCAGAAGTGAAAGTTGGCGAGATTGAGTTTGAAGGGC
 TCATGAGAACCCTGGACAACCTTGGGCTACAGAACAGGCTACGCATACAGGCATCCTCTAGTTTGAAGGAA
 GCCTCGGCACAAGAGTGACGTGGAGATCCAGCAACTGTGACTGCATTCTCCTTTGAAGATGATAGTGTG
 CCACTCTCTCCCTCAAGTACATGGCACAGAGACAGCAGCGTGAAAAACAAGATGGCTGAATTCTCCAA
 ATACATACATGAAAGTGAATGTGCCGGAGGAGTCCCGAACGGGAAACTAGTCCCAGGACCAAAAATAAC
 GTGGATGAAAGCAGAGGACCCCTCTAAAGTTAGTAGTGGAACACCTATCAAAATTGAAGATCCCAATCAG
 TTTGTTCTCTAAACACGAACCCGACTGAGGTGCTGGAGAAGAGAAATAAGATTCGGGAACAGAATCGCT
 ATGACCTGAAGACAGCAGGGCCACAGTCTCAGCTGCTGGCGGGATCGTTGTGGACAAACCGCCTTCTAC
 CATGCGGTTTGAAGACGATGATCAGGGCCACCAGCCCTCCTAACCCATTCACTCATCTCATGGAAGGA
 GAACCTTGAAGAATATACGAAGACAATCGAGAGAAAGCAGCAAGGCCTGGACGACGCTGAGCAGGAGTCA
 TGTGAGATGATGCTGCATCTGTTTCACAAATTCAGTCTCAAACTCAGTACCGCAAAGTGTCCCTGAGAG
 ATTAGAAGAAAACCAGAGCTGTTTTCCAAGAGCTTACCTCTGTGGATGTGCCTGTCTTGTGAATGGC
 AAGGACGAGATGCACGATGTTGAAGACGAGCTCGCTCAGCGCGTCAAGGCTCAGCAGGCTCAGCAGCACCACCA
 TAGAGAACATCGAGATCACCATCAAGTCCCCAGACAGAAGTGAAGAGGTCTGTACCCGATGGCTCGCC
 TTCAAAGTCAACATCCAAGAAAAAGAAGAAATTCGCACACCTTCTTTTCTCAAAAAGAACAAAAAAG
 GAGAAAGTTGAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217127 representing NM_001164103
 Red=Cloning site Green=Tags(s)

MSSDTSQAVITTPPPSPMPHKERYFDRINESDPEYLRRNMSPLRQDFNMMEQRKRVTQILQSPAFRED
 LECLIQEQMKKGHDPTGLLLALQQIADYIMANSFTGFSSPPLSLGMVTPINDLPGADTSSYVKGKELTRCK
 LASLYRLADLFGWAHLANTYISVRVSKEQDHIIIPRGLSFSEATASALVKVNIIGEVVDQGSTNLKIDH
 SGFSPHAAIYSTRPDVKCVIHIHTLATAAVSSMKCGILPISQESLILGDVAYDYQGSLEDEEERIELQK
 VLGPSCKVLVLRNHGVVALGETLEEFHYIFNVQMACEIQVQAVAGAGGVDNLLILDQLKYKAFTHGVAM
 TGGGGVNMGSQKWKVGEIEFEGLMRTLNDLGYRTGYAYRHPLVREKPRHKSDVEIPATVTAFFEDDSV
 PLSPLKYMAQRQREKTRWLNSPNTYMKVNVPEESRNGETSPRTKITWMKAEDPSKVSSGTPIKIEDPNQ
 FVPLNTNPTEVLEKRNKIREQNRDYLKTAGPQSLLAGIVVDKPPSTMRFEEDDQPPAPPNPFSHLMEG
 ELEEYTKTIERKQQLDDAEQESLSDDAASVSQIQSQTQSPQSVPERLEENHELFSKSFSTVDVPVIVNG
 KDEMHVDEDELAQRVSRLLTSTTIEENIEITIKSPDRTEEVLSPDGSPSKSPSKKKKKFRTPSFLKKNKKK
 EKVEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001164103

ORF Size: 2115 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_001164103.1](#), [NP_001157575.1](#)

RefSeq Size: 4194 bp

RefSeq ORF: 2118 bp

Locus ID: 25230

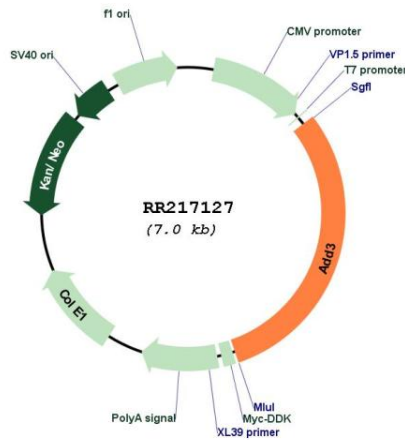
UniProt ID: [Q62847](#)

Cytogenetics: 1q55

MW: 78.8 kDa

Gene Summary: binds phosphatidylserine, binds and is phosphorylated by protein kinase C [RGD, Feb 2006]

Product images:



Circular map for RR217127