

Product datasheet for **MC221148**

Add1 (NM_001024458) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Add1 (NM_001024458) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Add1
Synonyms:	AI256389
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221148 representing NM_001024458
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGGTGACACTCGGGCCGAGTGGTGACCTCACCACCTCCAACCACAGCCCCTCACAAGGAGAGGT
 ATTTTGACAGAGTCGATGAGAACAACCCAGAATATTTGCGGGAGAGGAACATGGCACCAGACCTTGTCA
 GGACTTCAATATGATGGAGCAGAAGAAGAGGGTGTCTATGATTCTACAGAGTCCTGCCTTGTGAAGAG
 CTGGAGTCTATGATACAGGAACAGTTTAAAGAAGGGCAAGAACCCACAGGCCTGTGGCATTGCAGCAGA
 TTGCAGATTTTCTGACTGCGAGTGTACCAATGTCTACCCGGCAGCTCCTCAAGGAGGAATGGCCGCCCT
 GAACATGAGTCTTGGTATGGTCACTCCTGTGAATGACCTTAGAGGGTCCGATTCTATCGCATATGACAAA
 GGGGAGAAGTTACTGCGGTGAACTGGCAGCATTTTACAGACTGGCAGATCTCTTTGGCTGGTCCCAGC
 TTATCTACAATCATATCACAACCAGAGTGAACCTGAGCAGGAACACTTCTCATCGTACCTTTTGGACT
 TCTCTACAGTGAAGTACTGCATCCAGCTTGGTTAAGGTCAATCTACAAGGAGATATAGTAGACCGTGG
 AGTACTAACCTAGGGGTGAATCAGGCGGGCTTCACTCTGCACTCGGCAGTGTATGCTGCGCGACCAGATG
 CCAAGTGTATTGTGCACATCCACACCCAGCGGGGCGAGCGGTCTCTGCGATGAAGTGTGGACTCTTGCC
 TATCTCCCGGAGGCACTTCCCTTGGAGATGTTGCTTATCATGACTATCATGGCATTCTGGTTGATGAA
 GAGGAAAAATTTTGATTGAGAAAAATCTGGGCCCTAAAAGCAAGGTCTCATTCTGCGGAATCACGGAC
 TCGTGTCAAGTGGAGAGAGCGTGGAGGAGGCCCTTCTATTACATCCATAACCTTGTGGTTGCATGTGAGAT
 CCAGGTTCCGACTCTGGCAAGTCTGGAGGACCAGACACTTATTCTGCTGGATCCTGGGAAGTACAAA
 GCCAAATCCCCTTCTCCAGGGACTCCAGCAGGGGAAGGCTCTGGATCACCTCCCAAGTGGCAGATTGGGG
 AGCAGGAATTTGAAGCTTTATGCGGATGCTCGATAATCTGGGCTACAGAAGTGGTACCTTATCGATA
 CCCTGCTCTGAGAGAGAGATCTAAAAAGTACAGCGATGTGGAAGTCCCTGCCAGTGTACAGGCCACTCC
 TTTGCTAGTGATGGCGATTTCGGGCACTTCTCGCCGCTCAGGCACAGTTTTTCAGAAGCAGCAGCGAGAGA
 AGACAAGATGGCTGCACTCTGGCCGGGTGATGACGCTTCTGAGGAGGGGCGAAGCAGTCCCAA
 GTCGAAGACTAAGTGGACTAAAGAGGATGGACATAGAACTCCACCTCTGCTGTCCCTAACCTGTTTGT
 CCATTGAACACTAACCCAAAAGAGGTCCAGGAGATGAGGAACAAGATTGAGAGCAGAAGTACAGGACA
 TTAAGACGGCAGGACCTCAGTCCAGGTTTTGTGGTGTGATGATGGACAGAAGCCTTGTTCAGGGGGA
 GCTGGTGACGGCCTCAAAGCCATCATTGAGAAGGAATACCAGCCCCATGTAATTGTGAGCACACAGGT
 CCCAACCCCTTCAACACGCTGACAGACCTGAACTGGAAGAATACCGACGAGAGGTGGAGCGGAAGCAGA
 AGGGCTCTGAAGAGAACCTGGATGAGACAAGAGAGCAGAAAGAGAAGAGTCTCCAGACCAGTCACTGT
 CCCAACACTCCTCCAGTACTCCTGTCAAGCTTGAAGAAGACCTTCCCAGGAGCCGACATCCAGGGAC
 GACAGTGTGCCACCACCTTCAAGCCGACGCCCTGACCTCTCCCTGTGAGCCTTCAAGAAGCACTTG
 CCTTCCAGCAGTGGAGGAGGAAGCCATGCTTCCCAGACCCCACTCAGCCCCCTGCTGAGGCTGACCC
 TGAGCCAGCCTCAGCCCCAAGTCCAGGAGCTGAAGAGGTAGCCTCCCCTGCCACGGAGGAGGGTCTCCC
 ATGGACCCTGGCAGTGTGGGTCTCCAGGCAAGTCCCATCCAAAAGAAGAAGAAGTCCGTACCCCGT
 CCTTCTGAAGAAGAGCAAGAAGAAGAGTACTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024458

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_001024458.3</u> , <u>NP_001019629.2</u>
RefSeq Size:	3917 bp
RefSeq ORF:	2208 bp
Locus ID:	11518
UniProt ID:	<u>Q9QYC0</u>
Cytogenetics:	5 17.9 cM
Gene Summary:	Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform 1.