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Product datasheet for MC219897

Add1 (NM_013457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Add1 (NM_013457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Add1
Synonyms:	AI256389
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

Fully Sequenced ORF:

>MC219897 representing NM_013457
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATGGTGACACTCGGGCCGCAGTGGTGACCTCACCACCTCCAACCACAGCCCCTCACAAGGAGAGGT
ATTTTGACAGAGTCGATGAGAACAACCCAGAATATTTGCGGGAGAGGAACATGGCACCAGACCTTCGTCA
GGACTTCAATATGATGGAGCAGAAGAAGAGGGTGTCTATGATTCTACAGAGTCCTGCCTTCTGTGAAGAG
CTGGAGTCTATGATACAGGAACAGTTTAAGAAGGGCAAGAACCCCACAGGCCTGCTGGCATTGCAGCAGA
TTGCAGATTTCATGACTGCGAGTGTACCAAATGTCTACCCGGCAGCTCCTCAAGGAGGAATGGCCGCCCT
GAACATGAGTCTTGGTATGGTCACTCCTGTGAATGACCTTAGAGGGTCGGATTCTATCGCATATGACAAA
GGGGAGAAGTTACTGCGGTGTAAACTGGCAGCATTTTACAGACTGGCAGATCTCTTTGGCTGGTCCCAGC
TTATCTACAATCATATCACAACCAGAGTGAACTCTGAGCAGGAACACTTCCTCATCGTACCTTTTGGACT
TCTCTACAGTGAAGTGACTGCATCCAGCTTGGTTAAGGTCAATCTACAAGGAGATATAGTAGACCGTGGA
AGTACTAACCTAGGGGTGAATCAGGCGGGCTTCACTCTGCACTCGGCAGTGTATGCTGCGCGACCAGATG
CCAAGTGTATTGTGCACATCCACACCCCAGCGGGGGCAGCGGTCTCTGCGATGAAGTGTGGACTCTTGCC
TATCTCCCCGGAGGCACTTTCCCTTGGAGATGTTGCTTATCATGACTATCATGGCATTCTGGTTGATGAA
GAGGAAAAAATTTTGATTCAGAAAAATCTGGGCCCTAAAAGCAAGGTCCTCATTCTGCGGAATCACGGAC
TCGTGTCAGTTGGAGAGAGCGTGGAGGAGGCCTTCTATTACATCCATAACCTTGTGGTTGCATGTGAGAT
CCAGGTTCGGACTCTGGCAAGTGCTGGAGGACCAGACAACTTAGTTCTGCTGGATCCTGGGAAGTACAAA
GCCAAATCCCGTTCTCCAGGGACTCCAGCAGGGGAAGGCTCTGGATCACCTCCCAAGTGGCAGATTGGGG
AGCAGGAATTTGAAGCTCTTATGCGGATGCTCGATAATCTGGGCTACAGAACTGGCTACCCTTATCGATA
CCCTGCTCTGAGAGAGAGATCTAAAAAGTACAGCGATGTGGAAGTCCCTGCCAGTGTCACAGGCCACTCC
TTTGCTAGTGATGGCGATTCGGGCACTTGCTCGCCGCTCAGGCACAGTTTTCAGAAGCAGCAGCGAGAGA
AGACAAGATGGCTGCACTCTGGCCGGGGTGATGACGCTTCTGAGGAGGGGCAGAACGGAAGCAGTCCCAA
GTCGAAGACTAAGTGGACTAAAGAGGATGGACATAGAACTTCCACCTCTGCTGTCCCTAACCTGTTTGTT
CCATTGAACACTAACCCAAAAGAGGTCCAGGAGATGAGGAACAAGATTCGAGAGCAGAACTTACAGGACA
TTAAGACGGCAGGACCTCAGTCCCAGGTTTTGTGTGGTGTGATGATGGACAGAAGCCTTGTTCAGGGGGA
GCTGGTGACGGCCTCCAAAGCCATCATTGAGAAGGAATACCAGCCCCATGTAATTGTGAGCACCACAGGT
CCCAACCCCTTCAACACGCTGACAGACCGTGAACTGGAAGAATACCGACGAGAGGTGGAGCGGAAGCAGA
AGGGCTCTGAAGAGAACCTGGATGAGACAAGAGAGCAGAAAGAGAAGAGTCCTCCAGACCAGTCAGCTGT
CCCCAACACTCCTCCCAGTACTCCTGTCAAGCTTGAAGAAGCAGGAGACGGATGTGCTAAAGAGTACCTG
TTACCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013457

Insert Size: 1899 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:	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_013457.3, NP_038485.1
RefSeq Size:	3954 bp
RefSeq ORF:	1899 bp
Locus ID:	11518
UniProt ID:	Q9QYC0
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 (2) has an alternate exon compared to variant 1 that contains an in-frame stop codon. The resulting isoform (2) is shorter and has a distinct C-terminus compared to isoform 1.