

## Product datasheet for **MC228732**

### Add3 (NM\_001277100) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Add3 (NM_001277100) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Add3
Synonyms:	A1463285; R75380
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228732 representing NM\_001277100  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTCGGACACCAGCCAGCTGTGGTTACCACGCCTCCTCCTCCAGCATGCCTCACAAAGAGAGGT  
 ATTTTGACCGAATCAATGAAAGTGATCCGGAATACCTTCGAGAGAGGAACATGTCTCCTGATCTACGACA  
 GGACTTCAATATGATGGAGCAGAGGAAGCGAGTCACTCAGATCCTGCAGAGCCCTGCCTTTCGGGAAGAC  
 CTGGAATGCCTCATCCAAGAGCAGATGAAGAAAGGCCACAACCCAAGCGGCTTATTAGCGTTACAGCAGA  
 TTGCGGATTACATCGTGACCAGCTCCTTCTCGGGCTTCTCCTCGCCCTCCTGAGTCTTGGCATGGTCAC  
 ACCTATTAATGACCTTCTGGTGCAGATACATCCTCGTATGTGAAGGGAGAAAAGCTTACTCGTGCAAA  
 CTTGCCAGCCTACAGGCTTGCAGACTGTTTGGGTGGGCGCACCTGGCAAATACGTACATCTCGGTAC  
 GAATAAGTAAGGAGCAAGACCACATTATAATAATCCAGAGGCCTCTTTTTTGAAGCGACAGCCTC  
 CACTTTGGTGAAGTCAACATAATCGGAGAAGTGGTGGACCAGGGGAGCACTGATCTGAAAATCGACCAC  
 ACGGGCTTCAGCCCGCATGCTGCCATCTATTCAACACGCCCCGATGTGAAGTGTGTGATCCACATCCACA  
 CCCTTGCCACAGCAGCGGTGCTCCATGAAGTGTGGGATCCTTCCAATTTCCAAGAGTCTCTCATCCT  
 GGGAGATGTGCGCTACTATGACTACCAGGGTTCGCTTGTGAGGAGGAAGAAAGAATTGAACTTCAGAAA  
 GTGCTGGGTCCAAGCTGAAGGTGCTCGTCTCAGGAACCATGGCATGGTGGCTCTTGGCGAGACCCCTCG  
 AGGAGGCTTCCATTACATCTTTAATGTACAGATGGCCTGTGAGATCCAGGTGCAGGCAGTAGCAGGGGC  
 AGGCGGAGTAGACAATCTGCTCGTACTGGATCTTCAGAAATATAAAGCTTTCACCCACGGTGTGCCATG  
 TCTGGAGGAGGCGGTGTAACATGGCTTCCATCAGAAGTGAAGGTTGGCGAGATTGAGTTTGAAGGGC  
 TGATGAGGACCTGGACAACCTGGGCTACAGAACAGGCTATGCGTACAGGCATCCTTGGTCCGAGAGAA  
 GCCTAGGCACAAGAGTGACGTGGAGATCCCTGCAACCGTGAAGTGCCTTCTCCTTTGAAGATGACAGTGT  
 CCACTCTCTCCCCTCAAGTTCATGGCACAGAGACAGCAGCGTGAAAAACAAGATGGCTGAATTCACCAA  
 ATACTTACATGAAGGTGAATGTGCCGGAGGAGTCTCGAACGGGGAAACTAGTCCCAGGACCAAAATCAC  
 GTGGATGAAAGCAGAAGACTCCTCTAAAGTCAGTAGTGGGACACCGATCAAAATTGAAGACCCCAATCAG  
 TTTGTTCTTTAAACACAAACCCGACGGAGGTGCTAGAAAAGAGAAATAAGATCCGGGAACAGAATCGCT  
 ATGATCTGAAGACAGCAGGGCCGAGTCTCAGCTGCTGGCGGGATCGTTGTGGACAAGCCGCCTTCGAC  
 CATGCAGTTTACGATGACGATCAGGGCCACAGCTCCTCCTAACCCATTAGCCACCTCTGGAAGGA  
 GAACTGGAAGAGTATACGAAGACAATCGAGAGAAAGCAGCAAGGCCTGGACGACGCTGAGCAGGGGTAC  
 TCTCAGACGACGCTGCATCTGTTTCACAAATTCAGTCTCAAACCTCAGTACCCGCAGAGTGTCCCTGAGAG  
 ATTAGAAGAAAACACGAGCTGTTTTCCAAGAGCTTACCTCCATGGACGCGCCTGTCATGATCATGAAC  
 GGCAAGGACGAGATGCATGATGTGAAGACGAGCTTGCTCAGCGAGTCAAGTGGCTGACCACAAGCACGA  
 CCATAGAGAACATCGAGATCACCATTAAGTCCCGAAGAAACTGAAGAGGTCTGTGCGCTGATGGCTC  
 ACCTTCAAAGTCGCCCTCCAAGAAAAAGAAATTCGACACGCCTTCTTTTCTCAAAAAGAACAAAAAA  
 AAGGAGAAAGTTGAGGC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277100  
**Insert Size:** 2121 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001277100.1</a></u> , <u><a href="#">NP_001264029.1</a></u>
<b>RefSeq Size:</b>	4511 bp
<b>RefSeq ORF:</b>	2121 bp
<b>Locus ID:</b>	27360
<b>UniProt ID:</b>	<u><a href="#">Q9QYB5</a></u>
<b>Cytogenetics:</b>	19 47.18 cM
<b>Gene Summary:</b>	<p>Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Plays a role in actin filament capping. Binds to calmodulin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 5 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>