

Product datasheet for **MC217221**

Amigo3 (NM_177275) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amigo3 (NM_177275) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Amigo3
Synonyms:	ali3; E430002N15Rik; mKIAA1851
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217221 representing NM_177275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGGCTAGTGCTATCAGGTATACTACTATGCATGTTGGGTGCTGGATTGGGCACTTCAGACTTGG
 AGGATGTTCTGCCTCCTGCTCCCCACAACCTGCCCGATATATGCATCTGTGCTGCCGATGTGTTGAGCTG
 TGGCGGCCGTGGGTTACAGGACTTGCCGGTAGCACTGCCTACCACTGCTGCAGAACTCGATTGAGCCAC
 AACGCACTCAAACGCCTGCACCCGGGGTGGTTAGCGCCCTCTCCGGCTGCGTGCCTTGACCTAGGCT
 ATAATAAGCTGGAAGTCTGGGCCATGGTGCCTTACCAATGCCAGTGGCCTGAGGACACTTGACCTGTC
 CTCTAATATGTTAAGGATGCTCCATACCCATGACCTGGATGGCCTGGAGGAGCTGGAGAAGTTACTTCTG
 TTCAATAACAGCCTGATGCACTTGGACCTGGATGCCTCCAGGGCTGCGCATGCTTAGCCACCTCTATC
 TCAGTGCAACGAGCTCTCCTTTCTCTTTCAACCCTTGACGGTCTGGGGTTAACCCGCTGCGGAC
 TCTGGACCTCTCCTCAACTGGCTGAAACATATCTCCATCCCTGAGTTGGCTGCACTGCCAATTATCTC
 AAGAACAGGCTCTACCTGCACAACAACCCGCTGCCCTGTGACTGCAGCCTCTACCACCTGCTCCGGCGCT
 GGACACAGCGGGCCTGAGTGCCCTGCATGATTTTGAACGCGAGTACACATGCTTGGTCTTTAAGGTGTC
 AGAGTCCCAGAGTGCCTTTTTGAGCACAGCCGGTCTTCAAGAAGTGTCTGTGGCTGCAGCTCCAGGC
 TTAGAGCTGCCTGAAGAGCAGCTGCACGCGCAGGTGGCCAGTCCCTGAGGCTCTTCTGCAACACCAGTG
 GCCTGCCACTCGGGTGGCCTGGGTCTCCCCGAAGAATGAGTGTCTGTGGCGCCAGCCTCTCAGGATGG
 TAGCATCGCTGTGTTGGCTGATGGCAGCTTAGCCATAGGCAGGGTGAAGAGCAGCACGCAGGCGCTTTT
 GTGTGCCCTGGCCAGTGGCCCGCCTGCACCACAACCAGACACTTGAGTACAATGTGAGTGTGAAAAGG
 CTCGCCCGAGCCAGAGACTTTCAACACAGGCTTTACCACCCTGCTGGGCTGATTGTGGCCTGGTGCT
 GGTGTTGCTCTACTTGTGTTGCACCACCCTGCTGGCTGCTGCACTGCTGTGAGCGGGCCTGCCGCAAC
 CGTTGCTGGCCCCGGCATCCAGTCCACTCCAGGAGCTGAGCGCACAGTCTCCATGCTTAGCACTACGC
 CACCAGATGCACCAGCCGAAGGCCAGTGTCCACAAGCATGTGGTCTTCTGGAGCCGGGCAAGAAGGG
 CCTCAATGGCCGTGTGCAGCTCGCAGTAGCTGAAGACTTCGATCTGTGCAACCCCATGGGCTTGCAACT
 AAGGCTGGCTCTGAATCAGCCAGTTCACGGGCTCAGAGGGTCTCGTGATGAGCTAG

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177275

Insert Size: 1527 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_177275.4</u> , <u>NP_796249.1</u>
RefSeq Size:	2549 bp
RefSeq ORF:	1527 bp
Locus ID:	320844
UniProt ID:	<u>Q8C2S7</u>
Cytogenetics:	9 F1
Gene Summary:	May mediate heterophilic cell-cell interaction. May contribute to signal transduction through its intracellular domain (By similarity).[UniProtKB/Swiss-Prot Function]