

Product datasheet for **RN204933**

Amigo3 (NM_178144) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amigo3 (NM_178144) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Amigo3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204933 representing NM_178144
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTGGTTGGTGTACTGGGTCTACTACTGTGCATGTTGGGGCTGGATCAGGCACTTCAGATTGG
 AGGGTGTCTGCCCCCTGATCCCACAACCTGCCCAATAAATGTGTCTGTGCTGCCGATGTTGAGCTG
 TCGGGCCGTGGGTTACAGGACTTGCCGCAGCACTGCCTGCCACTGCTGCAGAACTTGATTTGAGCCAC
 AATGCACTCAAACGCCTGCACCCAGGATGGCTGGCGCCCTCTCCGGCTGCGTGCCTTGTACCTAGGCT
 ACAATAAGTTGGATGTCTGGGCGCGGTGTCTACTAACGCCAGTGGGCTGAGGATACTCGATCTGTC
 CTCTAACCTGCTGAGGAGACTCCGTACCTATGACCTGGATGGACTGGAGGAGCTGGAGAAGTTACTTCTG
 TTCAATAACCGCCTGATGCACTTGGACCTGGATGCTTTCCAGGGCTGAGCATGCTCAGCCACCTCTATC
 TCAGTGCAACGAACTCTCTCTTTCTTTCAACCACCTGCACGGCTGGGGTTAACCCGCTACGCAC
 TCTAGACCTCTCTCCAACCTGGCTGGGCCATGTCTCCGCTCCCTGAACTGGCTGCACTGCCACTTTCTC
 AAGAATCGGCTCTACTTGCAACAACCCACTGCCTGCGACTGCAGCCTCTACCACCTGCTCCGGCGCT
 GGACCAGCGGGCCTAAGTGCTCTGCACGACTTTGAACGTGAGTACACATGCTTGGCCTTTAAGGTGGC
 AGAATCCCAGTGCCTTCTTCGAGCACAGCCGGTCTTCAAGAAGTGTGCTGAGTGGCTGCAGCTCCAGGC
 TTAGAGCTGCCCGAGGAAGAGCTGCACACACAGTGGCCAGTCCCTGAGGCTCTTCTGCAACACCACAG
 TGCTGCTGCACGAGTGGCTGGGTTTCCCGAAAAACGAGTGTGCTGCGCCAGGCTCCAGGATGG
 CAGCATTGCTGTGTTGGCGGATGGCAGCTTAGCCATAGGCAGGGTGAAGAACAGCACGCAGGCCCTTT
 GTGTGCTGGCAAGTGGCCCCGCTGCACCACAACAGCAGCTTGAGTACAATGTGAGTGTACATAAGC
 CTCGCCCGAGCCGAGGCTTTCAACACGGGCTTCAACCACTGCTGGGCTGTATCGTGGGCTGGTGTG
 GGTGCTGCTCTACTGTTTGCACCACCCTGTCTGGCTGCTGTCGCTGTTGTGCGGGCCCTGCCGCAAC
 CGTTGCTGGCCCCGGCATCCAGTCCACTCCAGGAGCTGAGTGCACAGTCCCTCGGTGCTCAGCACTACAC
 CGCCAGATGCACCAGCCGAAGGCCAGCGTCCACAAGCATGTGGCCTTCTGGAGCCGGGCAAGAAAGG
 CCTCAATGGCCGTGTGCAGCTAGCAGTAGCTGAAGACTTTGATCTGTGCAACCCCATGGGCTTGCAACT
 AAGGCTGGCTCTGAGTCAGCCAGTTCACAGGCTCAGAGGGTCTCATGATGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_178144
- Insert Size:** 1527 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_178144.1](#), [NP_835280.1](#)

RefSeq Size: 1527 bp

RefSeq ORF: 1527 bp

Locus ID: 316003

UniProt ID: [Q80ZD5](#)

Cytogenetics: 8q32

Gene Summary: May mediate heterophilic cell-cell interaction. May contribute to signal transduction through its intracellular domain.[UniProtKB/Swiss-Prot Function]