

Product datasheet for **SC307783**

AMIGO3 (NM_198722) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMIGO3 (NM_198722) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMIGO3
Synonyms:	ALI3; AMIGO-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC307783 representing NM_198722.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGACCTGGTTGGTGTCTGCTGGGGACACTGCTCTGCATGCTGCGCGTTGGGTTAGGCACCCCGGACTCC
GAGGGTTTCCCGCCCCGTGCGCTCCACAACCTGCCCTACAAATGTATCTGCGCTGCCGACCTGCTAAGC
TGCACTGGCCTAGGGCTGCAGGACGTGCCAGCCGAGTTACCTGCCGCTACTGCGGACCTCGACCTGAGC
CACAAACGCGCTCCAGCGCCTGCGCCCCGGCTGGTTGGCGCCCTCTTCCAGCTGCGCGCCCTGCACCTA
GACCACAACGAAGTAGATGCGCTGGGTGCGGGCTCTTTCGTCAACGCCAGCGGCCTGAGGCTGCTCGAT
CTATCATCTAACACGTTGCGGGCGCTTGGCCGCCACGACCTCGACGGGCTGGGGGCGCTGGAGAAGCTG
CTTCTGTTCAATAACCGCTTGGTCACTTGGACGAGCATGCCTTCCACGGCCTGCGCGCGCTCAGCCAT
CTCTACCTGGGCTGCAACGAAGTGCCTCGTTCTCCTTCGACCACCTGCACGGTCTGAGCGCCACCCAC
CTGCTTACTCTGGACCTCTCTCCAACCGGCTGGGACACATCTCCGTACCTGAGCTGGCCGCGCTGCCG
GCCTTCTCAAGAACGGCCTCTACTTGACAACAACCCCTTGCCTTGGCGACTGCCGCTCTACCACCTG
CTACAGCGCTGGCACCAGCGGGCCTGAGCGCCGTGCGCGACTTTGCGCGCGAGTACGTATGCTTGCC
TTCAAGGTACCCGCTCCCGCTGCGCTTCTTCCAGCACAGCCGCTCTTTGAGAAGTGTCTGTCGGCC
CCAGCTCTTGGCCTAGAGCGGCCGGAAGAGCACCTGTACGCGCTGGTGGGTCGGTCCCTGAGGCTTTAC
TGCAACACCAGCGTCCCGCCATGCGCATTGCCTGGGTTTCGCCCGCAGCAGGAGCTTCTCAGGGCGCCA
GGATCCCGCATGGCAGCATCGCGGTGCTGGCCGACGGCAGCTTGGCCATAGGCAACGTACAGGAGCAG
CATGCGGGACTCTTCGTGTGCTTGGCCACTGGGCCCCGCTGCACCACAACCAGACGCACGAGTACAAC
GTGAGCGTGCACCTTCCGCGCCAGAGCCGAGGCTTCAACACAGGCTTCAACACACTGCTGGGCTGT
GCCGTGGGCTTGTGCTGTGCTCTACCTGTTGCCCCACCCTGCCGCTGCTGCCGCGTGCCTGC
CGCTGCCGCGCTGGCCCCAAACACCCAGCCCGCTCCAAGAGCTGAGCGCACAGTCTCAGTACTCAGC
ACCACACCGCCAGACGCACCCAGCCGCAAGGCCAGCGTCCACAAGCACGTAGTCTTTCTGGAGCCAGGC
CGGAGGGGCTCAATGGCCGCGTGCAGCTGGCAGTAGCTGAGGAATTCGATCTCTACAACCTGGAGGC
CTGCAGCTGAAGGCTGGCTCTGAGTCCGCCAGCTCCATAGGCTCCGAGGGTCCCATGACAACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_198722

Insert Size: 1515 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_198722.2](#)

RefSeq Size: 3008 bp

RefSeq ORF: 1515 bp

Locus ID: 386724

UniProt ID: [Q86WK7](#)

Cytogenetics: 3p21.31

Protein Families: Transmembrane

MW: 55.2 kDa

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