

Product datasheet for **SC208350**

AMIGO1 (NM_020703) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AMIGO1 (NM_020703) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AMIGO1
Synonyms:	ALI2; AMIGO; AMIGO-1
ACCN:	NM_020703
Insert Size:	2000 bp



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Insert Sequence:

>SC208350 3'UTR clone of NM_020703

The sequence shown below is from the reference sequence of NM_020703. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTTCTCTGATACGCCATTGTGGTGTGAGCAGGATGGGTTGGTGGGGAGATTCTGCCCAAGGAGAGG
TAATGCACCCCTGAAGGATATGAGGGGATGGAAGAGAGGGCTGGCTGCCCAAGGGAATGGATTCTCCT
GACCTCAAGGGAATTGGTCCCAGGTACAACAGAGAGCAAGACCCCAAACAGGGCGTGGTCCACGATT
TTCAAATGGGGTATATTAATCCTCAGGCAAAATGCTACACCCGTACCCAAAGCCCTGCCAATTCTCAGT
GTGGTAGAGGAAGAGAAGCATGTCTGAGTTGGATGGGAATGAGGAAGGAGTGAGGGGAAGAACAGATTC
CCTAAACTTTTCATGAGGTATCCCTAGCTCCTTAAGAGAAAAACATTTAGAAAAAAAATTTTTCTAT
CTCTGCCACCCACACCTGTGATGTTGTGTGTGGGGGAGCTCCACAGGAGCCACACTGGGGAAAA
GCTGTAGTATCTTTTGTAGCAAGTCAAATTCACAGCTGGGGAAGTTGAAAACCTTTGAAAAATG
AGTCAGGAAAAGGCTGAGACCTCAATCGGTAACAATCCCAAAGCTGTTGTAAGACTTTGCATTAAAG
CCTTCCTTTTCTGATGTGCCCTGGGTGGATGGATCTTTGCAGGAGCCTGGCCTGCTGCCTTTTAGTT
ACAACAGCAATGTGGGATGTGGTATCTGTGCCTTGTCTGGGACCAATGGCACAGAGGGTTATAGCATG
AACTGAAGGGTCCATGTCACAGCATAGGTGCCAGCACGAAACTTGATAGTGGGGGTGAATTCCAGATA
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TAGAAGGATGAAGGTAATCAGCCTCTATTATGTAGCATCCAGCTGGACCTAGCTGATTCTCAATGTAT
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AGTATATATCTCCTCTGTGTGGACAAGGTTGCCTTGTCTCTCAGAGATACCACCTCTGCTGCAAAGT
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AACTTTGAGAAGGGGAGTTCTGCCACCCATTCTCCATCGAGAGGCTTTGCAGTTGTGGTGTGAG
GCCAGAGGAACCTAAGAAGAATGAGCTCAACATCCATCCATCAAGGTTGCAGAATACTTTGAGTAT
GGAGATGACCGATCCCTTAAACCTTTCCCTTTGACTACACTGCATGCCCTGTGAGTGGCTGCTGAGC
TTTGGCGGGGATGAGCAGGGTGAAGGTGAAAATGTTCTCTGATGTTGGTTTTTCTAGGGTCTCTTCT
CTCCACGTTTCTAGTCCATTGGAAGTTCTCCAGATCCTCTAGATTTCTGACCTTTTTACATTCTAA
GAGGTGTCATTTACCTGTGGGTGAGGGGCTGGAGGGCCTGACTATTAAGCTTCCTATTATGATTGGGG
AAGGGGACTCAACATCTTCCCCTGTCTGGTCTGGGAACTCAAGACTGCTGTCCATCCTTTATTAGTA
ACCTAGTTTTGTTGAGAGAGAGGTGCAGCATTTCCCTCAAGTACCTGCATGCTCATAGGTATGCATGCT
TATAGGTATGCATGCACACCAGCACCTTGACTCCACCAGGACAGTGAATCTGTAGTCCCCATTAATG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_020703.4](#)

Summary: Promotes growth and fasciculation of neurites from cultured hippocampal neurons. May be involved in fasciculation as well as myelination of developing neural axons. May have a role in regeneration as well as neural plasticity in the adult nervous system. May mediate homophilic as well as heterophilic cell-cell interaction and contribute to signal transduction through its intracellular domain. Assembled with KCNB1 modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1.[UniProtKB/Swiss-Prot Function]

Locus ID: 57463

MW: 73.4