

Product datasheet for **SC126749**

ARMCX3 (NM_177947) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX3 (NM_177947) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX3
Synonyms:	ALEX3; dj545K15.2; GASP6
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_177947, the custom clone sequence may differ by one or more nucleotides

```
ATGGGCTACGCCAGGAAAGTAGGCTGGGTGACCGCAGGCCTGGTGATTGGGGCTGGCGCCTGCTATTGCA
TTTATAGACTGACTAGGGGAAGAAAACAGAACAAGGAAAAATGGCTGAGGGTGGATCTGGGGATGTGGA
TGATGCTGGGGACTGTTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGATGACAGCAATGAGAGC
AAGAGTATAGTATGGTACCCACCTTGGGCTCGGATTGGGACTGAAGCTGGAACCAGAGCTAGGGCCAGGG
CAAGGGCCAGGGCTACCCGGGCACGTGGGCTGTCCAGAAACGGGCTTCCCCAATTCAGATGATACCGT
TTTGTCCCTCAAGAGCTACAAAAGTTCTTTGCTTGGTTGAGATGTCTGAAAAGCCTTATATTCTTGAA
GCAGCTTTAATTGCTCTGGGTAACAATGCTGCTTATGCATTTAACAGAGATATTATTCGTGATCTGGGTG
GTCTCCCAATTGTGCGAAAGATTCTCAATACTCGGGATCCCATAGTTAAGGAAAAGGCTTTAATTGTCT
GAATAACTTGAGTGTGAATGCTGAAAAATCAGCGCAGGCTTAAAGTATACATGAATCAAGTGTGTGATGAC
ACAATCACTTCTCGTTGAACTCATCTGTGCAGCTTGTGGACTGAGATTGCTTACAAATATGACTGTTA
CTAATGAGTATCAGCACATGCTTGCTAATTCCATTTCTGACTTTTTTCGTTTATTTTCAGCGGAAATGA
AGAAACCAAACTTCAGGTTCTGAACTCCTTTTGAATTTGGCTGAAAATCCAGCCATGACTAGGGAAGTCT
CTCAGGGCCCAAGTACCATCTTCACTGGGCTCCCTCTTTAATAAGGAGGAGAACAAAGTATTCTTA
AACTTCTGGTCATATTTGAGAACATAAATGATAATTTCAAATGGGAAGAAAATGAACCTACTCAGAAATCA
ATTCGGTGAAGGTTCACTTTTTTCTTTTTAAAAGAAATTTCAAGTGTGTGCTGATAAGGTTCTGGGAATA
GAAAGTACCATGATTTTTTGGTAAAAGTAAAAGTTGGAAAATTCATGGCCAAACTTGTGAACATATGT
TCCCAAAGAGCCAGGAATAA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_177947 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCAGAAAGTCTTCTTG
 TCCTGGTCGTTGTTCCCGTCTGAGTACCAGCTCCCCACTGCCCTGAGGGCGGGCCGGCT
 GCGGCGGAGGGAAAAAGGAAGAGGAGAAGGAAATTGTCCCGAATCCCTGCAGTGGGTCCA
 AGCCTCTCCCGGTGGCCAGTCTTTCTGTAGGTTGCGGCACAACGCCAGGCAAAAGAAGA
 GGAAGGAATTTAATCCTAATCGGTGGAGGTCGATTTGAGGGTCTGCTGTAGCAGGTGGCT
 CCGCTTGAAGCGAGGGAGGAAGTTTCTCCGATCAGTAGAGATTGGAAAGATTGTTGGGA
 GTGGCACACCACTAGGGAAAAGAAGAAGGGCGAACTGCTTGTCTTGAGGAGGTCAACCC
 CAGAATCAGCTCTTGTGGCCTTGAAGTGGCTGAAGACGATCACCTCCACAGGCTTGAG
 CCCAGTCCACAGCCTTCTCCCCAGCCTGAGTGACTACTCTATTCTTGGTCCCTGCT
 ATTGTGCGGGACGATTGCATGGGCTACGCCAGGAAAGTAGGCTGGGTGACCGCAGGCCTG
 GTGATTGGGGCTGGCGCTGCTATTGCATTTATAGACTGACTAGGGGAAGAAAACAGAAC
 AGGAAAAAATGGCTGAGGGTGGATCTGGGGATGTGGATGATGCTGGNGACTGNNTCTGG
 GCCAGGATAATGACTGGTCTGATGATGATGATGACAGCATGAGAGCAGAGTATAGTATGG
 TACCCACCTTGGCCTCGGATTGGACTGAAGCTGACANNACTAGGGCAGGGCAGGGGCAGG
 CTACCGNCACCTTNNNGCTGTCAAAAACGGCTCCCATAAAGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_177947 unedited
 NNGGGTTTTGCTTACTACATTTTATTGAGACACACAATTAATCATGAAAAGACAGAAGG
 GAGCTTACTCATGATGAATTGGTCACTGTCACTTATGCAGAAGAAATAGCAAAATATTT
 CAATCTAGGCAGCGAGATAAAAAGCAACAACATGTTTTCAGAACAAGTAGTGATATTTCA
 TTTATCCATCTTAAACCTAAAGACCAACTCAGTTAAATATCAGCATTGATGATACAATAT
 GATATTCATTATTCANAACCTGGCAGCTGANAGGATTCCTTTACCATATAAACAAGGTGGA
 GAAAATGAATAGTTTACAATGTGTGTTGCTTCAAATTACANAATCAAGGTGTTATTCTCT
 GGCTCTTTGGGAACATATGTTCCAGCAAGTTTGGCCATGAATTTTCCAACCTTTACTTTCA
 CCAAAAAATCATGGTTGACTTCTATTCCCAGAACCTTATCAGCACACACTTTGAAATTCT
 TTTAAAAAGAAAAAAGTGAACCTTACCGAATTGATTCTGAGTAGGTTCAATTTCTTCTC
 CCATTTGAAATTTATCATTATGTTCTCAAATATGACCAGAAAGTTTAGGAATACCTTCTT
 TGTTCTCTCCTTATTAAGAAGGAGCCCCAGTGAAGGATGGTACTTGGGCCCTGGGC
 AAGTTCCTAATCATGCCTGGATTTTCCAGCCAATTTCAAAGGGAATTTCCAAAACCTGG
 AAGTTTGGTTTTCTCCATTTTCCCGCTGGAAATTAACGAAAAAAGTCCGAAAATGGG
 ATTAACCAAGCATGGGCTGAAACCTCCTTAAGAAACAGGCCAATATTGGAAAGCCATTT
 TCAGTCCCACAAAGCTGGCCCAATAGATTTCAAGCCGAAAAGTATTGGTCTCACCCCC
 ACTTTGATTCATGGTTACTTTTAGCCCTGGCCCGTATTTTACCTTTCCACACTCAAGTT
 N

Restriction Sites:

NotI-NotI

ACCN:

NM_177947

Insert Size:

2260 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:	<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_177947.2, NP_808816.1</u>
RefSeq Size:	3367 bp
RefSeq ORF:	1140 bp
Locus ID:	51566
UniProt ID:	<u>Q9UH62</u>
Cytogenetics:	Xq22.1
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the ALEX family of proteins which may play a role in tumor suppression. The encoded protein contains a potential N-terminal transmembrane domain and a single Armadillo (arm) repeat. Other proteins containing the arm repeat are involved in development, maintenance of tissue integrity, and tumorigenesis. This gene is closely localized with other family members on the X chromosome. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>