

Product datasheet for **SC324599**

ARMCX3 (NM_177948) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX3 (NM_177948) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX3
Synonyms:	ALEX3; dJ545K15.2; GASP6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_177948.2
 GAGTACCAGCTCCCCACTGCCCTGAGGGCGGGCCGCCTGCGGGCGAGGGAAAAAGGAAG
 AGGAGAAGGAAATTGTCCGAATCCCTGCAGTCTTTCTGTAGGTTGCGGCACAACGCCAG
 GCAAAAAGAAGAGGAAGGAATTTAATCCTAATCGGTGGAGGTCGATTTGAGGGTCTGCTGT
 AGCAGGTGGCTCCGCTTGAAGCGAGGGAGGAAGTTTCTCCGATCAGTAGAGATTGGAAA
 GATTGTTGGGAGTGGCACACCACTAGGGAAAAGAAGAGGGCGAACTGCTTGTCTTGAG
 GAGGTCAACCCCAAGATCAGCTCTTGTGGCCTTGAAGTGGCTGAAGACGATCACCCCTCC
 ACAGGCTTGAGCCAGTCCCACAGCCTTCTCCCCAGCCTGAGTACTACTCTATTCTCT
 TGTTCCCTGCTATTGTCCGGGACGATTGCATGGGCTACGCCAGGAAAGTAGGCTGGTGGA
 CCGCAGGCCTGGTATTGGGGCTGGCGCCTGCTATTGCATTTATAGACTGACTAGGGGAA
 GAAAACAGAACAAGAAAAAATGGCTGAGGGTGGATCTGGGGATGTGGATGATGCTGGGG
 ACTGTTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGATGACAGCAATGAGAGCA
 AGAGTATAGTATGGTACCCACCTTGGGCTCGGATTGGGACTGAAGCTGGAACCAGAGCTA
 GGGCCAGGGCAAGGGCCAGGGCTACCCGGGCACGTCGGGCTGCCAGAAACGGGCTTCCC
 CCAATTCAGATGATACCGTTTTGTCCCCTCAAGAGCTACAAAAGTTCTTTGCTTGGTTG
 AGATGTCTGAAAAGCCTTATATTCTTGAAGCAGCTTAAATTGCTCTGGGTAAACAATGCTG
 CTTATGCATTTAACAGAGATATTATTCGTGATCTGGGTGGTCTCCCAATTGTCGCAAGA
 TTCTCAATACTCGGGATCCCATAGTTAAGGAAAAGGCTTTAATTGCTCTGAATAACTTGA
 GTGTGAATGCTGAAAATCAGCGCAGGCTTAAAGTATACATGAATCAAGTGTGTGATGACA
 CAATCACTTCTCGCTTGAACCTACTGTGCAGCTTGTGGACTGAGATTGCTTACAAATA
 TGACTGTTACTAATGAGTATCAGCACATGCTTGCTAATTCCATTTCTGACTTTTTTCGTT
 TATTTTCAGCGGAAATGAAGAAACCAACTTCAGGTTCTGAACTCCTTTTGAATTTGG
 CTGAAAATCCAGCCATGACTAGGGAATGCTCAGGGCCCAAGTACCATCTTCACTGGGCT
 CCTCTTTAATAAGAAGGAGAACAAGAAAGTTATTCTTAAACTTCTGGTCATATTTGAGA
 ACATAAATGATAATTTCAATGGGAAGAAAATGAACCTACTCAGAATCAATTCGGTGAAG
 GTTCACTTTTTTCTTTTTAAAAGAATTTCAAGTGTGTGCTGATAAGGTTCTGGGAATAG
 AAAGTCACCATGATTTTTGGTGAAGTAAAAGTTGAAAATTCATGGCCAACTTGCTG
 AACATATGTTCCCAAAGGCCAGGAATAACACCTTGATTTTGAATTTAGAAGCAACACA
 CATTGTAACTATTCATTTCTCCACCTTGTTTATATGGTAAAGGAATCCTTTCAGCTGC
 CAGTTTTGAATAATGAATATCATATTGTATCATCAATGCTGATATTTAACTGAGTTGGTC
 TTTAGGTTAAGATGGATAAATGAATATCACTACTTGTCTGAAAACATGTTTGTGCTT
 TTTATCTCGCTGCTAGATTGAAATATTTGCTATTTCTCTGCATAAGTGACAGTGAAC
 CAATTCATCATGAGTAAGCTCCCTTCTGTCAATTTTCATTGATTTAATTTGTGTATCATCA
 ATAAAATTGTATGTTAATGCTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_177948

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_177948.2](#), [NP_808817.1](#)

RefSeq Size: 3318 bp

RefSeq ORF: 1140 bp

Locus ID: 51566

UniProt ID: [Q9UH62](#)

Cytogenetics: Xq22.1

Protein Families: Transmembrane

Gene Summary: 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]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1, and represents the shortest transcript. Variants 1, 2, and 3 encode the same protein.