

## Product datasheet for **SC114158**

### ARMCX3 (NM\_016607) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX3 (NM_016607) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX3
Synonyms:	ALEX3; dj545K15.2; GASP6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016607, the custom clone sequence may differ by one or more nucleotides

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ATGGGCTACGCCAGGAAAAGTAGGCTGGGTGACCGCAGGCCTGGTGATTGGGGCTGGCGCCTGCTATTGCA
TTTATAGACTGACTAGGGGAAGAAAACAGAACAAAGGAAAAATGGCTGAGGGTGGATCTGGGGATGTGGA
TGATGCTGGGGACTGTTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGATGACAGCAATGAGAGC
AAGAGTATAGTATGGTACCCACCTGGGCTCGGATTGGGACTGAAGCTGGAACCAGAGCTAGGGCCAGGG
CAAGGGCCAGGGCTACCCGGGCACGTGGGCTGTCCAGAAACGGGCTTCCCCAATTCAGATGATACCGT
TTTGTCCCCTCAAGAGCTACAAAAGTTCTTTGCTTGGTTGAGATGTCTGAAAAGCCTTATATTCTTGAA
GCAGCTTTAATTGCTCTGGGTAACAATGCTGCTTATGCATTTAACAGAGATATTATTCGTGATCTGGGTG
GTCTCCCAATTGTCGCAAAGATTCTCAATACTCGGGATCCCATAGTTAAGGAAAAGGCTTTAATTGTCTT
GAATAACTTGAGTGTGAATGCTGAAAATCAGCGCAGGCTTAAAGTATACATGAATCAAGTGTGTGATGAC
ACAATCACTTCTCGTTGAACTCATCTGTGCAGCTTGCTGGACTGAGATTGCTTACAAATATGACTGTTA
CTAATGAGTATCAGCACATGCTTGCTAATTCATTTCTGACTTTTTTCGTTTATTTTCAGCGGAAATGA
AGAAACCAAACTTCAGGTTCTGAACTCCTTTTGAATTTGGCTGAAAATCCAGCCATGACTAGGGAAGTGC
CTCAGGGCCCAAGTACCATCTTCACTGGGCTCCCTCTTTAATAAGAAGGAGAACAAGAAGTTATTTCTTA
AACTTCTGGTCAATTTGAGAACATAAAATGATAATTTCAAATGGGAAGAAAATGAACCTACTCAGAAATCA
ATTCGGTGAAGGTTCACTTTTTTTCTTTTTAAAAGAATTTCAAGTGTGTGCTGATAAGGTTCTGGGAATA
GAAAGTCACCATGATTTTTTGGTGAAAGTAAAAGTTGGAAAATTCATGGCCAAACTTGCTGAACATATGT
TCCCAAAGAGCCAGGAATAA

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_016607 unedited GCACGAGGCAGAAGTCCTTCTTGTCTGGTCTGTTCCCGTCTGAGTACCAGCTCCCCA CTGCCCTGAGGGCGGGCCGGCCTGCGGCGGAGGGAAAAAGGAAGAGGAGAAGGAAATTGT CCCGAATCCCTGCAGTGGGTCCAAGCCTCTCCCGGTGGCCAGTCTTTCTGTAGGTTGCG GCACAACGCCAGGCAAAAGAAGAGGAAGGAATTTAATCCTAATCGGTGGAGGTCGATTTG AGGTCTGCTGTAGCAGGTGGCTCCGCTTGAAGCGAGGGAGGAAGTTTCCTCCGATCAGT AGAGATTGGAAAGATTGTTGGGAGTGGCACACCACTAGGGAAAAAGAAGGGGCGAACT GCTTGTCTTGAGGAGGTCAACCCCCAGAATCAGCTCTTGTGGCCTTGAAGTGGCTGAAGA CGATCACCTCCACAGGCTTGAAGCCAGTCCCACAGCCTTCTCCCCAGCCTGAGTGAC TACTCTATTCTTGGTCCCTGCTATTGTCGGGACGATTGCATGGGCTACGCCAGGAAAG TAGGCTGGGTGACCGCAGGCTGGTATTGGGGCTGGCGCTGCTATTGCATTTATAGAC TGACTAGNGGAAGAAAACAGAACAGGGAAAAAATGGCTGAGGGTGGATCTGGGGATGTG GATGATGCTGGGACTGGTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGATGAC A
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016607
<b>Insert Size:</b>	3800 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_016607.3</a></u> , <u><a href="#">NP_057691.1</a></u>
<b>RefSeq Size:</b>	3395 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	51566
<b>UniProt ID:</b>	<u><a href="#">Q9UH62</a></u>
<b>Cytogenetics:</b>	Xq22.1
<b>Domains:</b>	DUF634
<b>Protein Families:</b>	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 (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.