

## Product datasheet for **SC124834**

### 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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_177948, the custom clone sequence may differ by one or more nucleotides

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ATGGGCTACGCCAGGAAAGTAGGCTGGGTGACCGCAGGCCTGGTGATTGGGGCTGGCGCCTGCTATTGCA
TTTATAGACTGACTAGGGGAAGAAAACAGAACAAGGAAAAATGGCTGAGGGTGGATCTGGGGATGTGGA
TGATGCTGGGGACTGTTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGATGACAGCAATGAGAGC
AAGAGTATAGTATGGTACCCACCTTGGGCTCGGATTGGGACTGAAGCTGGAACCAGAGCTAGGGCCAGGG
CAAGGGCCAGGGCTACCCGGGCACGTGGGCTGTCCAGAAACGGGCTTCCCCAATTCAGATGATACCGT
TTTGTCCCCTCAAGAGCTACAAAAGTTCTTTGCTTGGTTGAGATGTCTGAAAAGCCTTATATTCTTGAA
GCAGCTTTAATTGCTCTGGGTAACAATGCTGCTTATGCATTTAACAGAGATATTATTCGTGATCTGGGTG
GTCTCCAATTGTCGCAAAGATTCTCAATACTCGGGATCCCATAGTTAAGGAAAAGGCTTTAATTGTCTT
GAATAACTTGAGTGTGAATGCTGAAAATCAGCGCAGGCTTAAAGTATACATGAATCAAGTGTGTGATGAC
ACAATCACTTCTCGTTGAACTCATCTGTGCAGCTTGTGGACTGAGATTGCTTACAAATATGACTGTTA
CTAATGAGTATCAGCACATGCTTGCTAATTCATTTCTGACTTTTTTCGTTTATTTTCAGCGGAAATGA
AGAAACCAAACTTCAGGTTCTGAACTCCTTTTGAATTTGGCTGAAAATCCAGCCATGACTAGGGAAGT
CTCAGGGCCCAAGTACCATCTTCACTGGGCTCCCTCTTTAATAAGAAGGAGAACAAGAAGTTATTTCTTA
AACTTCTGGTCAATTTGAGAACATAAATGATAATTTCAAATGGGAAGAAAATGAACCTACTCAGAAATCA
ATTCGGTGAAGGTTCACTTTTTTTCTTTTTAAAAGAATTTCAAGTGTGTGCTGATAAGGTTCTGGGAATA
GAAAGTCACCATGATTTTTTGGTGAAAGTAAAAGTTGGAAAATTCATGGCCAAACTTGCTGAACATATGT
TCCCAAAGAGCCAGGAATAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_177948 unedited TACTATAGGGCGGCCGCGAATTCGCACGAGGGTCCCCTGAGTACCAGCTCCCCACTG CCCTGAGGGCGGGCCGGCCTGCGGCGGAGGGAAAAAGGAAGAGGAGAAGGAAATTGTCCC GAATCCCTGCAGTGGGTCCAAGCCTCTCCCGGTGGCCAGTCTTTCTGTAGGTTGCGGCA CAACGCCAGGCAAAGAAGAGGAAGGAATTTAATCCTAATCGGTGGAGGTCGATTTGAGG GTCTGCTGTAGCAGGTGGCTCCGCTTGAAGCGAGGGAGGAAGTTTCTCCGATCAGTAGA GATTGGAAGATTGTTGGGAGTGGCACACCACTAGGGAAAAGAAGGGGCGAACTGCT TGCTTTGAGGAGGTCAACCCCGAATCAGCTCTTGTGGCCTTGAAGTGGCTGAAGACGA TCACCCTCCACAGGCTTGAAGCCAGTCCCACAGCCTTCTCCCGCAGCCTGAGTGACTAC TCTATTCTTGGTCCCTGCTATTGTGCGGGACGATTGCATGGGCTACGCCAGGAAAGTAG GCTGGGTGACCGCAGGCCTGGTATTGGGGCTGGCGCCTGCTATTGCATTTATAGACTGA CTAGGGGAAGAAAACAGAACAAGAAAAAATGGCTGAGGGGTGGATCTGGGGATGTGGAT GATGCTGGGGACTGTTCTGNGGCCAGTATAATGACTGGTCTGATGATGATGACAGC AATGAGAGCAAGAGTATAGTATGGGTACCCACCTTGGGCCTCGATTGGGACTGAAGCTGA ACCAGAGCTAGGNCCAGGGCAGGCCAGGGCTACCCGGCACGTCGGGCTGTCCAAAACGG GGCTTCCCAATTAGATGATACCGTTTTG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_177948
<b>Insert Size:</b>	3150 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>	<a href="#">NM_177948.2</a> , <a href="#">NP_808817.1</a>
<b>RefSeq Size:</b>	3318 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	51566
<b>UniProt ID:</b>	<a href="#">Q9UH62</a>
<b>Cytogenetics:</b>	Xq22.1
<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 (3) differs in the 5' UTR compared to variant 1, and represents the shortest transcript. Variants 1, 2, and 3 encode the same protein.