

Product datasheet for **SC321395**

ARMCX1 (NM_016608) Human Untagged Clone

Product data:

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|---------------------------|-----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | ARMCX1 (NM_016608) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ARMCX1 |
| Synonyms: | ALEX1; GASP7 |
| 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_016608.1
 ATAGCCCAGAGGGCGAGAGGGCCTGTGGCCTGGGGGAAGGAGGACGAGGTTCTGCCTGGA
 TCCCAGCAGTAGGACGCTGTGCCATTTGGGAACAAAGGAATAGTCTGCCTGGAATCCCTG
 CAGATCTTGGGGCCGAGGCCAGTCCAACCCTTGGAGCAGGAAGAAACGCAAAGTTGTCA
 AGAACCAAGTCGAGCTGCCTCAGAGCCGGCCGAGTAGCTGCAGACTCCGCCCGCAGC
 TGTGCGCGCTTCTCTGGGCCAGAGCGAGCCTGTTTTGTGCTCGGGTTAAGAGATTTGTC
 CAGCTATACCATGGGCCCACTCGGAAGCTGGCTGCGTGGCCGCTGGTGTGGTTATCGG
 GGCTGGTGCCTGCTACTGTGTATACAGACTGGCTTGGGAAGAGACGAGAACGAGAAAAT
 CTGGGACGAAGACGAGGAGTCTACGGACACCTCAGAGATTGGGGTTGAGACTGTGAAAGG
 AGCTAAAATAACGCTGGGGCAGGGTCTGGGGCCAAACTTCAGGGTGATTCAGAGGTCAA
 GCCTGAGGTGAGTTTGGGACTCGAGGATTGTCCGGGTGTAAGAGAGAAGGCCATTACAGG
 ATCCCACAGCGGAGGTGGCCTAGAGGCCAAGGCCAAGGCCCTTTTCAACACGCTGAAGGA
 ACAGGCAAGTGCAAAGGCAGGCAAAGGGCTAGGGTGGTACCATCTCTGGGAACAGGAC
 CCTTGACCGAGTTTACCCTGCCAGGAGCAGGGGTGGAGGCTGCCACCCACCAGGAG
 TGGATCTAGGGCCGGGGCAGGGCAAGTGAAAATCCAAGGGAAAGGCCGAAGTAAGAG
 CACCAGGGCTCCAGCTACAACATGGCCTGTCCGGAGAGGCAAGTTCAACTTTCCTTATAA
 AATTGATGATATTCTGAGTGCTCCCGACCTCCAAAAGGTCCTCAACATCCTGGAGCGAAC
 AAATGATCCTTTTATTCAAGAAGTAGCCTTGGTCACTCTGGGTAACAATGCAGCATATTC
 ATTTAACCAGAATGCCATACGTGAATTGGTGGTGTCCCAATTATTGCAAACTGATAAA
 AACAAAAGACCCATAATTAGGGAAAAGACTTACAATGCCCTTAATAACTTGAGTGTGAA
 CGCAGAAAATCAGGGCAAGATTAAGACGTACATCAGTCAAGTGTGTGATGACACCATGGT
 CTGTCGCTTGGACTCAGCTGTGCAGATGGCTGGGCTAAGACTGTTAACCAACATGACTGT
 GACTAATCATTACCAACATTTGCTTTCTATTCTTTCCAGACTTTTTTGTCTTTGTTATT
 CCTGGGAAATCATTACCAAGATACAGATTATGAAACTAATTATAAACTTTACTGAAAA
 TCCAGCCATGACAAGAGAGCTGGTCAGTTGTAAGTACCATCAGAATTGATTTCCCTCTT
 TAATAAAGAATGGGATAGAGAGATTCTTCTTAATATCCTTACCCTATTTGAGAATATAAA
 TGACAACATAAAAAATGAAGGGCTCGCATATCCAGGAAAGAATTCAGCAGAAGTTCCT
 TTTTTCTTATTCAAAGAGTCTGGAGTTTGTGTTAAGAAAATCAAAGCACTAGCAAATCA
 CAATGATCTGGTGGTAAAGTAAAAGTCTGAAAGTATTAACCAACTCTAATTTGGAGT
 CTGTCCCAACAATATTGAGATATTTGCAGTTGGTACGATGTGATTTGTAATTTCTTTGT
 TTTTCATTGTGCGTATATGGTAAAGAGATCTTTTTCAGCTGCTATTTTGAATAATGACTA
 TCATATATCATAACAGTACTGATGTTGGTTGTAATGGTTGGGTTTAGGATGAACCATTT
 TAAGGATGCCAAATGAAATATTAGTATTTGTACACAGAAAGAATTTATTGATTTGATCTT
 ATTACCTAGATTGAGATTTTAAATCTTTCCTCTACCTAAACTGACAATGAATTGGTTAT
 ACATCATGCATAAGCTACACTTTTATATTAGTTTATATTTGTTATTCTAAGACTTGTGTT
 TCATCAATAAAGTTGTGTTTTAAGCAGCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016608

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).

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| 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: | NM_016608.1 , NP_057692.1 |
| RefSeq Size: | 2141 bp |
| RefSeq ORF: | 1362 bp |
| Locus ID: | 51309 |
| UniProt ID: | Q9P291 |
| Cytogenetics: | Xq22.1 |
| Domains: | Armadillo_seg, DUF634 |
| Protein Families: | Transmembrane |
| Gene Summary: | <p>This gene encodes a member of the ALEX family of proteins and may play a role in tumor suppression. The encoded protein contains a potential N-terminal transmembrane domain and two Armadillo (arm) repeats. 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, including ALEX2 and ALEX3, on the X chromosome. [provided by RefSeq, Jul 2008]</p> |