

## Product datasheet for **SC337051**

### ARMCX2 (NM\_001282231) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX2 (NM_001282231) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX2
Synonyms:	ALEX2; GASP9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



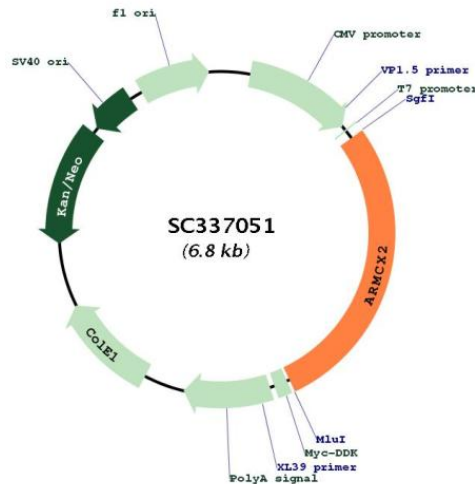
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**Fully Sequenced ORF:** >SC337051 representing NM\_001282231.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGAGCCCGCTTCGGGATGCTGGCTGTGTAGCGCGGGGATAGTGATAGGGGCTGGTGCCTGGTACTGT
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** Sgfl-Mlul

**Plasmid Map:**


**ACCN:** NM\_001282231

**Insert Size:** 1899 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:**

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\\_001282231.1](#)

**RefSeq Size:** 2892 bp

**RefSeq ORF:** 1899 bp

**Locus ID:** 9823

**UniProt ID:** [Q7L311](#)

**Cytogenetics:** Xq22.1

**Protein Families:** Transmembrane

**MW:** 65.7 kDa

**Gene Summary:**

This gene encodes a protein containing a potential N-terminal transmembrane domain and multiple armadillo (arm) repeats. Proteins containing arm repeats are involved in development, maintenance of tissue integrity, and tumorigenesis. This gene is located in a cluster of related genes on chromosome X. There is a pseudogene for this gene on chromosome 7. Alternative splicing in the 5' UTR results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2013]

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