

## Product datasheet for RC203048L3

## ARMCX2 (NM\_014782) Human Tagged Lenti ORF Clone

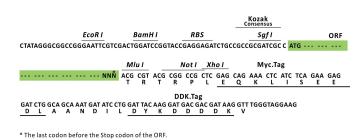
## **Product data:**

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**OriGene Technologies, Inc.** 

Product Type:	Expression Plasmids
Product Name:	ARMCX2 (NM_014782) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	ARMCX2
Synonyms:	ALEX2; GASP9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203048).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgfi ORF Miui
	Sgf1         ORF         Mlu1            GCG ATC GCC         ATG //         NNN         ACG CGT



ACCN: **ORF Size:**  NM\_014782 1896 bp



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<b>GRIGENE</b> ARMCX2 (NM_014782) Human Tagged Lenti ORF Clone – RC203048L3	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
RefSeq:	<u>NM 014782.4</u>
RefSeq Size:	2853 bp
RefSeq ORF:	1899 bp
Locus ID:	9823
UniProt ID:	<u>Q7L311</u>
Cytogenetics:	Xq22.1
Domains:	DUF634
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]

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