

Product datasheet for RC221471

ARMCX3 (NM_016607) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX3 (NM_016607) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARMCX3
Synonyms:	ALEX3; dj545K15.2; GASP6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC221471 representing NM_016607 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTACGCCAGGAAAGTAGGCTGGGTGACCGCAGGCCTGGTATTGGGGCTGGCGCCTGCTATTGCA
TTTATAGACTGACTAGGGGAAGAAAACAGAACAAGGAAAAATGGCTGAGGGTGGATCTGGGGATGTGGA
TGATGCTGGGGACTGTTCTGGGGCCAGGTATAATGACTGGTCTGATGATGATGACAGCAATGAGAGC
AAGAGTATAGTATGGTACCCACCTTGGGCTCGGATTGGGACTGAAGCTGGAACCAGAGCTAGGGCCAGGG
CAAGGGCCAGGGTACCCGGGCACGTGGGCTGTCCAGAAACGGGCTTCCCCAATTCAGATGATACCGT
TTTGTCGCCCTCAAGAGCTACAAAAGTTCTTTGCTTGGTTGAGATGTCTGAAAAGCCTTATATTCTTGAA
GCAGCTTTAATTGCTCTGGGTAACAATGCTGCTTATGCATTTAACAGAGATATTATTCGTGATCTGGGTG
GTCTCCCAATTGTGCAAAAGATTCTCAATACTCGGGATCCCATAGTTAAGGAAAAGGCTTTAATTGTCT
GAATAACTTGAGTGTGAATGCTGAAAAACAGCGCAGGCTTAAAGTATACATGAATCAAGTGTGTGATGAC
ACAATCACTTCTCGTTGAACTCATCTGTGCAGCTTGTGGACTGAGATTGCTTACAAATATGACTGTTA
CTAATGAGTATCAGCACATGCTTGCTAATTCATTTCTGACTTTTTTCGTTTATTTTCAGCGGAAATGA
AGAAACCAAACTTCAGGTTCTGAAACTCCTTTTGAATTTGGCTGAAAATCCAGCCATGACTAGGGAAGTCT
CTCAGGGCCCAAGTACCATCTTCACTGGGCTCCCTCTTTAATAAGAGGAGAACAAGAAGTTATTTCTTA
AACTTCTGGTCATATTTGAGAACATAAATGATAATTTCAAATGGGAAAGAAAATGAACCTACTCAGAAATCA
ATTCGGTGAAGGTTCACTTTTTTCTTTTTAAAAGAATTTCAAGTGTGTGCTGATAAGGTTCTGGGAATA
GAAAGTACCATGATTTTTTGGTAAAAGTAAAAGTTGGAAAATTCATGGCCAACTTGTGAACATATGT
TCCCAAAGAGCCAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_016607.3](#), [NP_057691.1](#)

RefSeq Size: 3395 bp

RefSeq ORF: 1140 bp

Locus ID: 51566

UniProt ID: [Q9UH62](#)

Cytogenetics: Xq22.1

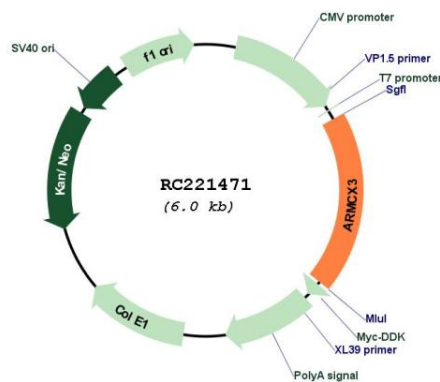
Domains: DUF634

Protein Families: Transmembrane

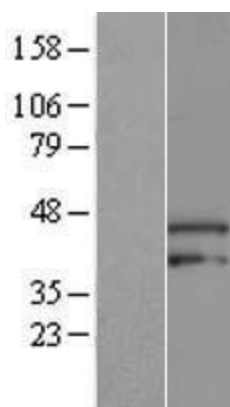
MW: 42.3 kDa

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]

Product images:



Circular map for RC221471



Western blot validation of overexpression lysate (Cat# [LY413862]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC221471 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).