

Product datasheet for **MR220593**

Armcx5 (NM_001009575) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armcx5 (NM_001009575) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Armcx5
Synonyms:	AW556585
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR220593 representing NM_001009575
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATTGGCTCTAAAACAAAAGGAAAGCTAGAGAAGAGTCTGGGGCTTCTCAAACCTGGAACCAATA
 GCCTGCCAATGCTAAAGGAAAAGCCAAGAATCAGACCACTAAAGCCGTTAAGGCAGAACCAAAAAGAAGA
 ATGGGGGAACCAGGCTGAGGCTAGGGATGAAGCAGTGGCCAGGACACAGCCAGCCATTTCCACTGAGCCC
 AAGACTGTGACCTGAAAAGTAAAAAAGAAAAGATAAGACTAATGCTAGAGTCATGGCTCAGGCTAAGA
 CAGAACTCCCGCAGGGCCTGCTTGTAGTGCCTCACACCAAGTCAGATGCTCTGCCTACATCTGTGGTCAT
 TACTGTAACCAAGTCTGAAGTCAAGATTGACACTGGAATTGAGGCATCTCTCAAGGGCGCTGCCAAGGCT
 ACTGATAAGCGCAGTATTAAGCAGAAGCCTGAGATAAAGAAAGAGGTCTGTGTCAAATCCAGGGCTGGGG
 ACAAGCTAAAGAGGTCTGTGTCAAATCCAGTCTGGAGACAAAGCTAAAGAGGTCTGTGTCAAATCCAG
 GGCTGGGGACAAAGCTAAAGAGGTCTGTGTCAAATCCAGGGCTGGGGACAAAGCTAGTATTGTCATCAAC
 ACCACTGATGAGGATGAAGATTATGTGTGTTCTGGTTTTGGACTGGAGAAGAGCCTAGTGTAGGGTCTCT
 GGTTCGGCCTAAAGAAGAAAATCCTCTCAAGTTTATCAGCCCCACCAAGGTTGAAGAAGAACCTGA
 ACCCCAGATACATTCGACTATGCTTTAAAAAAGAGCTGCAGCATGGTTAAGGGCAGGTTTATTGTCT
 CTGGTCCCATGAGGAACCGCAGCCATCTTTACCTCCAGATGGGAAGTGGACTCTGGTTGCAACCTTAA
 TTGAAACTCCCTGGGTATTCGACCTTTGACCAAGATCCACCTTATGGGGACCTTACTCCAGACTTT
 AGCCGATTTAAAAACCAATCCGGGAAAAGAGAAGTATGGACCAATCCAAATACCTGCCGCTGTAAA
 TCCCGCACCTTTAGTTTAGAGCCTGTTGACTTTGATAAGCTCGTTGCCCTACTTAAGTTAACGAGGGATC
 CGTTTATTCATGAGATAGCTACAATGATAATGGGGATCAGTCTGCTTACCCATTTACTCAAGATTTGT
 TCACGATGTTGGTATTACTGTTATGATTGAAAATTTTGTCAATAATCCAATGCTAAGAAAATACCCTAGA
 ACTTTAAATATAAATGCCAACCTGATGCCCCGAAGAAGTGAAGAGACCGAAGCACATGTAAATAAAG
 TTTGTAGGGACATACTCTGTTGCTTTGAACTGCTCTGTGCAAGTGGAGGAGCTAAAGCTGTTAGTGAG
 CTTGAGTGTGAAATTTGATTATCACCACGTGGTTATCTATTATGTTGTTATTTTCATCTCACTGTTAAAC
 AAAGGAAGTGTCAAAATCAAGTTTCAGATTTTAAAGAGTCTTTTGTGCTTGTCAAAAAATCAAGCGAATA
 CAAGAGAAGTATCAGTGTGAAGTAAATGTCCTCACTGGTCGCTCTTTTACAAGAATGAGTCAAAAGC
 TAATATTTCTCATATCATTGAAATTTTGAAGATAAATTTCCAATCAAAAAAGGGCAAACTGTTT
 ACTAAGGAAATGTTCACTAAATCTGAATTTTCCATATTCGGGAGGCAAAAGAGTTTGACCAGAAAC
 TCCAAGACTTAACAGACCACAGTGACCCTGATGTGAGAGATAAAGTTATCCGATTAATACTCAAACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220593 representing NM_001009575
 Red=Cloning site Green=Tags(s)

MIGSKTKRKAREESGASSKPGTNSPANAKGKAKNQTTKAVKAEPKEEWGNQAEARDEAVARTQPAISTEP
 KTVTWKVKKKKDKTNARVMAQAKTELPAGPALVPHTKSDALPTSVVITVTKSEVKIDTGIEASLKGAAGA
 TDKRSIKQKPEIKKEVCVKSRAAGDKEVCKSSAGDKEVCKSRAGDKEVCKSRAGDKASIVIN
 TTDEDEDYVCSWFWTGEEPSVGSWFWPKEENPLQVYQPPPKVEEPEPPDTFDYALKKKAALRGRFIV
 LVPIEEPQPSLPPDGNWTLVATLIETPLGIRPLTKIPPYGGPYFQTLADLKNQIREKEKYGNPNTCRCK
 SRTFSLEPVDFDKLVALLKLRDPFIHEIATMIMGISPAYPFTQDIVHDVGITVMIENFVNNPNAKKYPR
 TLNINANPDAPPEYKETAHVNKVCRDILCCPLNCSVQVEELKLLVLSVKFDYHHVVIYYVRYFISLLN
 KGSVKIKFQILRVLLCLSKNQANTRELSIAEVMSSLVALFHKNESKANILHIEIFENINFQFKKRAKLF
 TKEMFTKSELISIFREAKEFDQKLQDLTDHSDPDVDRKIVIRLILKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001009575

ORF Size: 1818 bp

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. [More info](#)

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:**
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_001009575.5](#), [NP_001009575.2](#)

RefSeq Size: 2826 bp

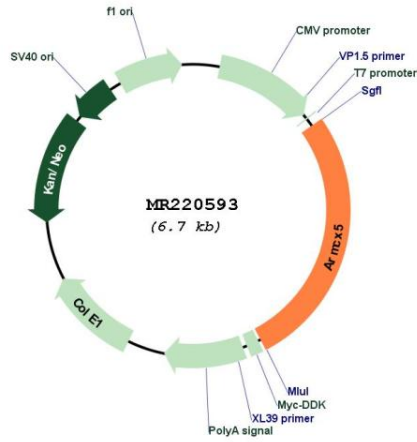
RefSeq ORF: 1821 bp

Locus ID: 494468

UniProt ID: [Q3UZB0](#)

Cytogenetics: X F1
 MW: 68.3 kDa

Product images:



Circular map for MR220593