

Product datasheet for **MR207974**

Armcx5 (BC027106) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armcx5 (BC027106) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Armcx5
Synonyms:	MGC38735
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207974 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTCTAGCATTAGTGGTCATTACTGTAACCAAGTCTGAAGTCAAGATTGACTGGAATTGAGGCAT
 CTCTCAAGGGCGCTGCCAAGGCTACTGATAAGCGCAGTATTAAGCAGAAGCCTGAGATAAAGAAAGAGGT
 CTGTGTCAAATCCAGGGCTGGGGACAAAGCTAAAGAGGTCTGTGTCAAATCCAGTCTGGAGACAAAGCT
 AAAGAGGTCTGTGTCAAATCCAGGGCTGGGGACAAAGCTAAAGAGGTCTGTGTCAAATCCAGGGCTGGGG
 ACAAGCTAGTATTGTCATCAACACCACTGATGAGGATGAAGATTATGTGTGTTCTGGTTTTGGACTGG
 AGAAGAGCCTAGTGTAGGGTCTGGTTCTGGCCTAAAGAAGAAAATCCTCTTCAAGTTTATCAGCCCCCA
 CCAAAGGTTGAAGAAGAACCTGAACCCCGAGATACATTGACTATGCTTTAAAAAAAAGCTGCAGCAT
 GGTTAAGGGGAGGTTTATTGCTCTGGTCCCATTTGAGGAACCGCAGCCATCTTTACCTCCAGATGGGAA
 CTGGACTCTGGTTGCAACCTTAATTGAACTCCCCTGGGTATTGACCTTTGACCAAGATCCCACCTTAT
 GGGGGACCTTACTTCCAGACTTTAGCCGATTTAAAAACCAAATCCGGGAAAAAGAGAAGTATGGACCCA
 ATCCAAATACCTGCCGCTGTAATCCCAGCCTTTAGTTTAGAGCCTGTTGACTTTGATAAGCTCGTTGC
 CCTACTTAAGTTAACGAGGGATCCGTTTATTATGAGATAGCTACAATGATAATGGGGATCAGTCTGCT
 TACCCATTTACTCAAGATATTGTTACAGATGTTGGTATTACTGTTATGATTGAAAATTTGTCAATAATC
 CAAATGCTAAGAAATACCTAGAAGCTTTAAATATAATGCCAACCTGATGCCCCGAAGAAGTGAAGA
 GACCGAAGCACATGTAATAAAGTTTGTAGGGACATACTCTGTTGTCCTTTGAACTGCTCTGTGCAAGTG
 GAGGAGCTAAAGCTGTTAGTGAGCTTGAGTGTGAAATTTGATTATCACCACGTGGTTATCTATTATGTTG
 GTTATTTTCACTCACTGTTAAACAAAGGAAGTCAAAAATCAAGTTTCAGATTTTAAAGTCTTTTGTG
 CTTGTCAAAAAATCAAGCGAATACAAGAGAAGTATGATGCTGAAAGTAAATGTCCTCACTGGTCTGCTCTC
 TTTACAAGAATGAGTCAAAAGCTAATATTCTTATATCATTGAAATATTTGAGAATATAAATTTCCAAT
 TCAAAAAAGGGCAAACTGTTTACTAAGGAAATGTTCACTAAATCTGAACCTATTTCCATATCCGGGA
 GGCAAAAGAGTTTGACCAGAACTCCAAGACTTAACAGACCACAGTGACCCTGATGTGAGAGATAAAGTT
 ATCCGATTAATACTCAAACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207974 protein sequence
 Red=Cloning site Green=Tags(s)

MTLALVITVTKSEVKIDTGIEASLKGAAKATDKRSIKQKPEIKKEVCVKSRAAGDKAKEVCVKSSAGDKA
 KEVCVKSRAAGDKAKEVCVKSRAAGDKASIVINTTDEDEDYVCSWFWTGEEPSVGSWFWPKEENPLQVYQPP
 PKVEEEPEPPDFDYALKKAAAWLRGFRIVLVP IEEPQPSLPPDGNWTLVATLIETPLGIRPLTKIPPY
 GGPYFQTLADLNQIREKEKYGNPNTCRCKSRFTSLEPVDFDKLVALLKLTRDPFIHEIATMIMGISPA
 YPFTQDIVHDVGITVMIENFVNNPNAKKYPRTLNINANPDAPEEVKETEAHVNVKCRDILCCPLNCSVQV
 EELKLLVSLSVKFDYHHVVIYYVRYFISLLNKGSVKIKFQILRVLLCLSKNQANTRELISAEVMSSSLVAL
 FHKNESKANILHIEIFENINFQFKRAKLFTEKEMFTKSELISIFREAKEFDQKLQDLTDHSDPDVDRDKV
 IRLILKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC027106

ORF Size: 1491 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: [BC027106](#), [AAH27106](#)

RefSeq Size: 1874 bp

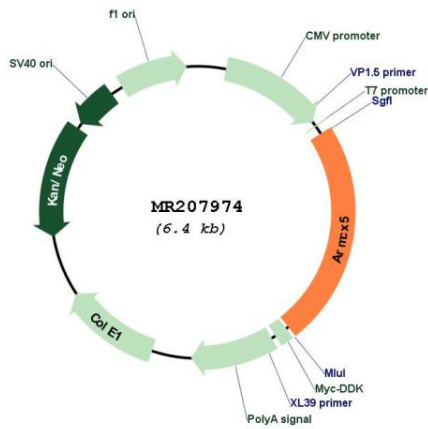
RefSeq ORF: 1493 bp

Locus ID: 494468

Cytogenetics: X F1

MW: 56.3 kDa

Product images:



Circular map for MR207974