

Product datasheet for **RC230272**

ARMCX5 (NM_001168482) Human Tagged ORF Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ARMCX5 (NM_001168482) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ARMCX5 |
| Synonyms: | GASP5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RC230272 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTTGACTCTGGGACAGAAGCAAGGGCTAGAGGAAAGGCTGAGGCTGGCCTGCAAGATGGAATCAGTG
 GCCTGCCACTGTAGAGTGAATGGTAAAACCCAGGCCGAGGCAGTGGCTGAGGCAGAAGCTGAAAACAGA
 ATCAGTGACCCAGGCCAAAGCTGGTGATGGAGCAATGACCAGGACACATACAGTGACCTACAGGGAGGCT
 ATGGCTGTGACAAGGGAAGTGATCAAGGTGGAAGATACAATAAGACTAGAGTCATGGTTGAGACTAAGA
 CAAAACCCCTGGCAGAACGCAGTATAGTGCCACAAACCAAGTCAAAGGCCATGCCATGTCTAGGGTCAG
 TACTGTAACCAAGTCTGAAGTCAAGGTTGTTGCTGTCATTGAGGCCAAATATTAGTCTATGCCAAGTCA
 CATGATAAGGCCAATACTGGGTCCAGACCTGACAGAAGGGAAGAGACCAGCATTGGGATGAAATCCAGTG
 ATGAGGATGAAGAAAATATATGCTCCTGGTTCTGGACTGGAGAAGAGCCTAGTGTAGGGTCTGGTTCTG
 GCCTGAAGAAGAGACCTCTCTTCAAGTTTATAAGCCCCTACCTAAGATCCAGGAAAAGCCCAAGCCACA
 CACAAACCCACACTTACTATAAAACAAAAGGTAATAGCATGGTCAAGGGCCAGGTATATTGCTCTAGTTC
 CAGTTGAAGGAGGGGAGCAATCCTTGCCTCCAGAAGGAACTGGACCCTGGTTGAGACCTTGATTGAAAC
 TCCTCTGGGGATTGACCTTTGACCAAGATCCCACCTTATCATGGGCCTTATTACCAGACCTTAGCTGAG
 ATCAAAAAACAGATTAGGCAAAGGGAAAAGTATGGGCCTAATCCGAAGGCCTGCCACTGCAATCACGTG
 GCTTTAGTTTAGAGCCTAAAGAGTTTGATAAACTTGTGGCCCTCCTTAAGTTAACTAAGGATCCTTTCAT
 TCGTGAATAGCTACAATGATAATGGGCATCAGTCTGCTTATCCATTTACTCAAGATATAATTCATGAT
 GTAGGTATTACTGTTATGATTGAAAACCTGGTCAATAATCCCAATGTTAAAGAACCCTGGAGCTTTAA
 GTATGGTGGATGACAGCTCTGAGTCTCCGAAGAACCAAACTCAGGGGAGTCATATACATCAAGTTTG
 TAAAGGCATAATCTCTTGGCCCTTGAACCTCCCTGTGCAGCTGGCTGGACTGAAATTAAGGGCACTTG
 AGTATAAAATTTGAAGATCACTATGTGATTACCAGTTATATTCCAGATTTCTCACCTTGTTAAACAAGG
 GAAGTGTCAAACCAAGTTTTATGTTTTAAAAGTGTTCGTTTGTCTAAAAATCACGCCAATACAAG
 AGAATTGATCAGTGCCAAAGTACTGTCATCATTGGTTGCACCCTTAAACAAGAATGAGTCAAAGGCCAAT
 ATTCTTAATATTATTGAAATATTTGAGAATATAAATTTTCAGTTCAAACAAAGGCAAAGCTATTTACCA
 AGGAAAAGTTCACTAAATCTGAGCTTATTTCAATATTCCAGGAAGCAAACAGTTTGGTCAGAACTCCA
 AGACTTAGCAGAGCACAGTGATCCCGAAGTGAGAGATAAAGTCATACGATTAATACTAAAACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230272 protein sequence
 Red=Cloning site Green=Tags(s)

MVDSGTEARARGKAEAGLQDGISGPATARVNGKTQAEAVAEAEELKTESVTQAKAGDGAMTRTHTVTYREA
 MAVTREVIKVEDTTKTRVMVETKTKPLAERSIVPQTKSKAMPMSRVSTVTKSEVKVVAVIEANIRSYAKS
 HDKANTGSRPDRREETSIGMKSSDEEENICSWFWTGEEPSVGSWFWPEEETSLQVYKPLPKIQEKPKPT
 HKPTLTIKQKVIAWSRARIYIVLVPVEGGEQSLPPEGNWTLVETLIETPLGIRPLTKIPPYHGPYYQTLAE
 IKKQIRQREKYGNPKACHCKSRGFSLEPKFDKLVALLKLTKDPFIHEIATMIMGISPAYPFTQDIHD
 VGITVMIENLVNPNVKEHPGALSMVDDSESSEEPKSGESYIHQVCKGIISCLNSPVQLAGLKLLGHL
 SIKFEDHYVITSYIPDFLTLNKGSVKTKFYVLKVFVSKLKNHANTRELI SAKVLSLVAPFNKNESKAN
 ILNIIIEIFENINFQFKTKAKLFTKEKFTKSELISIFQEAQFGQKLQDLAEHSDPEVRDKVIRLILKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6553_e05.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001168482

ORF Size: 1674 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_001168482.2](#)

RefSeq Size: 2707 bp

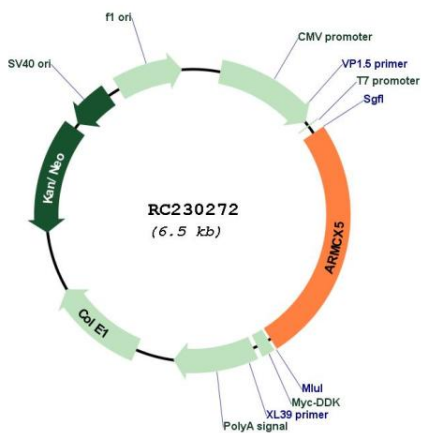
RefSeq ORF: 1677 bp

Locus ID: 64860

UniProt ID: [Q6P1M9](#)

Cytogenetics: Xq22.1
 MW: 62.3 kDa

Product images:



Circular map for RC230272