

Product datasheet for **MC222667**

Armc5 (NM_146205) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc5 (NM_146205) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Armc5
Synonyms:	AW049683; BC032200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222667 representing NM_146205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCTGCGAGACCGCCCTTACGGACTCGTCTCGTTTTGCCTCGCGCAGCTCACGGCGCGGCCG
 GGGAGGGGCCAGGTGGGGAAAGGACCCAGCTACCAACGAGACACCCCTGGGCGCGCGCTTAGCTCT
 TCGCACGCGCACATCAAGGCGGAGAGGGATTGAGCGCTTCCGGGCACGCGCGGGCTCCGCCCCCTT
 CTCGCCCTGCTCCGCCGAACGGCTGCTGCGGGCCCGCCCGTCCCAAGCAGCTCTGGCTCCGCCCTT
 CGTCGGTTGCGTCAGCTGGTTCTACCCCTGGCCACGCCCCGCTGCCGAGTCGCTTTGACGCCCTCGTT
 GCCAATGCGCCTGCGCAAGACGCTGGATTTGGCGCTCAGCATTCTAGCCAAGTGTACAGAAGGGGCG
 TGCCGGGCGGAAGTGGGAGACTTGGAGCATTCTCCCTTTGGTGACCATTCTTCAGTGTGTGAAGACAG
 ACAGCATCCAGAACCGGACAGCGCTGCCCTGGGAACTTAGCCATGGAGCCTGAGAGCTGCAGGGACAT
 CCACTCTGCTGGTGTCTCCCTTTCTTGTGAGAGCCTTACCGCTGCCAGGACTCACAGTGCCTACAG
 AGCATAGTTCTGCCCTCCGCAACTTGGCAGACTACCCAGCACCGTCTAGCCCTGGCAGCAAGGAG
 CAGTGGCGCCACTGGCTGAGCTCCTGGCTACCGCCCCAGACCCTGCACTGACTGCGGCCCTAGTCCGTGC
 TCTCTTGAAGTACAGCCGAGGCTGTTCCCGGCCCTGTGCTGAGCAGCTAAGTCTGGGTGGGGCACTGGGC
 CCCCTTGTGAGCCTGGCTTCTACCCCTAAACGGGCAATACGTGAGGCAGCCATCTGATCCTCGCCAACC
 TGTGTGCTCAGGGCCTGGTGGCGCTGCACTGGGCAATGCAGGTGGCGTGGAGGTGTTACTAGGTGAGCT
 TAGGGCGGACGGAGTCCCGTGGGAGCAGCTCAGCTACTCAGCAGCCCTAGTGCAGCTGTGTGCCTC
 TTATGCCGGGAAGCCATCAACCGGGCTCGGCTTCGGGATGCCGGTGGTTGGAGCTGCTGATGGGTGTC
 TGCCAGGACCCCGGTGCCAGTGCCTGGCACCCACGTGTTGTGGCTGCTCTGTAGGCTTCCCTTATGATAC
 TGGGGCCTTGGCAAGTTACAGGCCCTGGGACTTGTGCCTCTTCTGGCCAGGCAGTTATGTGGTGAAGCT
 GGCGAAGAGGAAGAGGAAGGAATCGAAGCAGCTTCTGGGACTTCCCTGAGGAACGGACCTTGGGCAGG
 CAGAGGGAGGAGCTTCCGAAGCCTCAGGTTGTGGCTGATTTCTGAGGGTATGCAGCAGGCCCTGGAGA
 TATCTCCCCAGATTGGTCTCCTGAGCGTTGTCCGATGCCAGAGCCATCTGAGTCAGTCAGTCCACCCCT
 GGCCAGACCTCAATGTCGACACCCCGCACTTTCGCAACCTGGCCGCATCCCTGCTGCCACTCCTGAGG
 AGCCTTGGGGCAAGAGGGGCCAGCCCTGTTGCTGTTGTACGCTTCTCCAGGCTCCTGACCCAAGTGG
 AGCTCTGGTACTGGCCAGCACTGTGTGGCTGTTGGCCTATGTGACAGGTGCACCAGGACCACCAAAC
 CCACGCGCACTTGTATCTTGGCGGCCTCACCTGTAACCCTGCGTGCCTTGAGGCCCTTGTGCGCACTT
 ATGGTGCAGCGCTGCTGGTGCCTGGCTGGTACTCGGTGTCTACCAGATGACTGGCCTGTGCCACATGC
 CCGGCCTGTACCCGAAGCCAGCACCGAGAGCTGGGAGAGATGCTGCTACAGAACCTGACTGTGCAGGCT
 GAGTCCCCCTTTGGAGTGGGTGCCCTCACCCACCTGCTGCTCTCTGGGAGTCTGAGGACCAGCGTGCCT
 GTGCACTGACCCTACCCTTATCTGCCGGAAGCCGACTCTGTGGCGCCGCTTACTTCTGGATCAGGGTGG
 CCTCCGCTCCTCCTCACAGCACTAACGCAGCCAGCGCCACCCACTCTTCTCTTCTTTCAGCAGAC
 TCCCTGTCTGTCCAAGGCCTGGTATCTCCCACTGCAAGCCAGTCCCTCTACCTGCCCTGCCCTTGG
 AACTTGACTCACCTCCCCTTGCCTCTACGAACCTCTGCTGGTCCGGCCCTGCCAGCTCCTGACCT
 GCACTTGTTCTGGATTACGGCCTACAGCTCCCTGCTCAGCGGGCTGCTCAGCTGCTGCCCTCCCTTTC
 TTCCGGGCCCTGCTATCCGGCAGCTTGTGTAAGCCAGATGGATTTGGTGCCGCTTCGAGGCTGTCCC
 CTGGTGCAGCGTGGCCTGTCTTACATCATTTGCATGGCTGCAGGGGCTGTGGGGCTGCTCTGGGGCCGT
 ACCCCACCTGGTCAAGCCCTGCTGGGCTCCAAGGCCGAGGAAGCTCTAGAAGCTGCTGGCCGATTCTTA
 CTGCTGCACTGGAGGAAGAGCTAGAAGAAGCTGTGGCCGCATCCACTTGAGTCCCGGGTGGCCCGG
 AGTCAGTGGGCGAGGATTCGGTTTAGCCGGCCCGGCTGGCTGCCACTGTGCACGATGGACACTAGA
 ACCAGGGCAGTGCCCAAGAAAAGGGCCCTGGCCCTTACGGGGCTCGTGGAAAGCAGCAGGCGAGGAGGCA
 GGGCCCTCACTGAGGCTTGTGGCTGTGTAATGGGGATTGAGTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_146205
Insert Size:	2781 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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 style="list-style-type: none">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_146205.2 , NP_666317.2
RefSeq Size:	3852 bp
RefSeq ORF:	2781 bp
Locus ID:	233912
UniProt ID:	Q5EBP3
Cytogenetics:	7 F3
Gene Summary:	Involved in fetal development, T-cell function and adrenal gland growth homeostasis (PubMed:28169274). Negatively regulates adrenal cells survival. Plays a role in steroidogenesis, modulates steroidogenic enzymes expression and cortisol production (By similarity).[UniProtKB/Swiss-Prot Function]