

Product datasheet for **MG207485**

Armc6 (BC043070) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc6 (BC043070) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Armc6
Synonyms:	MGC67564
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207485 representing BC043070
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCTTCCAAGCGCATCACCCAGGAAACCTTTGATGCTGCAGTGCAGGAGAACATTGAGGAGTTTGAGA
 TGGGCACTGAGGAGGCCATTGAGAGGCTGTGGAGCAGTTTGAATCACAAGGGTTGATCTGAGCAACAT
 TGTGAAGACAATACCGAAAGTATCACTGGATGGCTTCAGGAGGCCACACATAGTGTCTTCAGGCCCTT
 AACGATCTGCAGGAGTCCCTGACTGGCTCTCGGCTCCAGGAGGTGTAGCCACCTTGTCCGCTTCTGTG
 ACCAGTGAAGCAGCAGAAGGCCAGCCGCTACCTGGCAGCCAGAAGGGAGCCTACCCAATCCTCTGGC
 TGCCTGGCAGCTGGCTGCCACTAGCAACCAGGGTCTTCTGCTCCAGGCTCTCAATGCTCTGGCAGTGCTG
 ACTGATGGCCAGCCTGACCTCCTGGATGCCAGGGCTTGCATCTTCTCGTGGCCACGCTAGCACAGAATG
 CCGCCAACACTGAACTCACGTGCTGTGGATTTCGCTGCGTGCCTATGTCTGCCTAAAGCACGAACAGAA
 TCGGCAGGACTTGGTAAAAGCTGGCGTGTGCCCTGCTCACAGCGGCTATTACACAGCATGGCCAGCAC
 GCCGATGTGGTACGGGAGGCCTGCTGGGCTTGCGGGTATGACCTTTGATGATGATATCCGAGTGCCCT
 TTGGCCATGCCCATGAGCACGCCAAGATGATTGTTTCAAGGAGAACAAAGGCCTGAAGGTGCTCATTGAGGC
 TGCCAGAGCATTCTCTGACAACCCAGGGGTCTGAGCGAAGTCTGCAGCACCCCTATCCCGCTGGCTGTT
 CGGAATGAATTCTGCCAGGAGGTTATAGACCTCGGAGGCCTTGGCATCCTTGTGACCCTGCTGGCTGACT
 GCAATGACCACAGGACCTCGTGAAGCAAGTCTCAGTGCCCTGAGGGCTATCGCAGGCAACGACGACGT
 AAAGGATGCCATTGTCCGGGCAGGTGGTACGGAGTCCATTGTGGCTGCTATGACTCGGCACCTGGCCAGC
 CCCCAGGTGTGTGAGCAAAGCTGCGCCGCACTGCGTCTAGCTCTTCGCAAGCCAGACAACAGCCGGG
 TCATTATTGAGGGCGGCGGGCGCTGGCTGCTCTGCAGGCCATGAAGGCGCATCCACAGGAGGCTGGTGT
 CCAGAAAACAGGCTTGATGCTGATCCGAAACCTGGTGTCCCGCAGCCAAGTCTTCTCCAAGCCCATCCTG
 GACCTGGGGGAGAGGAGCTCATTTTGCAAGCCGAGCTGCTCAGCCAGACTGTGAAGATGTGGTAAGG
 CCGCATTGCGAGACCTAGGCTGCCGTGTGGAGCTTCGTGAAGTGTGGACAGGAAAGAAGGTGACCTGGC
 TCTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207485 representing BC043070
 Red=Cloning site Green=Tags(s)

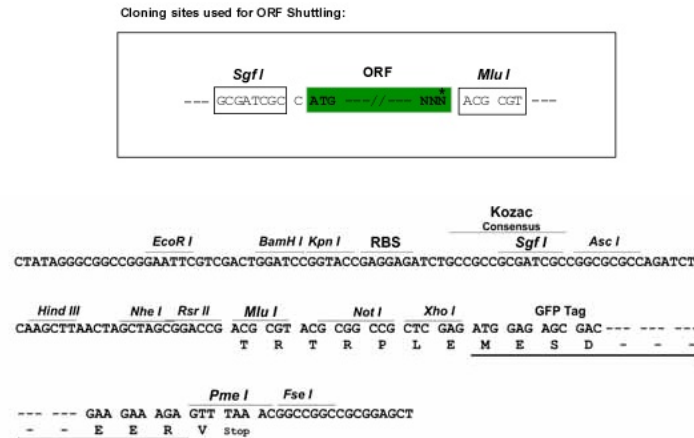
MASKRITQETFDAVRENIEEFEMGTEEAIREAVEQFESQGVLDL SNIVKTI PKVSLDGLQEPH SVLQAL
 ND LQESLTG SRLQEVS AHLVRFCDQCKQKASRYLAAQKGAYPILLAAWQLAATSNQGLLLQALNALAVL
 TDGQPDLLDAQGLHLLVATLAQNAANTELTCGIRCVRHVCLKHEQNRQDLVKAGVLP LLTAAITQHGQH
 ADVVREACWALRVMTFDDDIRVPFGHAHEHAKMIVQENKGLKVL IEAARAFSDNPGVLSEL CSTLSRLAV
 RNEFCQEVIDLGGLGILVTL ADCNDHQDLVKQVLSALRAIAGNDDVKDAIVRAGGTESIVAAMTRHLAS
 PQVCEQSCAALCVLALRKPDNSRVII EGGGALAALQAMKAHPQEAGVQKQACMLIRNLVSR SQVFSKPIL
 DLGAEELILQARAHPDCEDVAKAALRDLGCRVELRELWTGKKGD LAL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: BC043070

ORF Size: 1404 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC043070](#), [AAH43070](#)

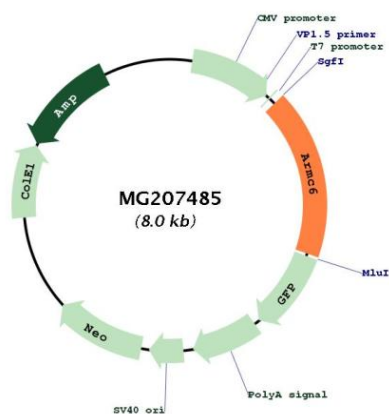
RefSeq Size: 2215 bp

RefSeq ORF: 1406 bp

Locus ID: 76813

Cytogenetics: 8 B3.3

Product images:



Circular map for MG207485