

Product datasheet for **RG232868**

ARMC6 (NM_001199196) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC6 (NM_001199196) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ARMC6
Synonyms:	R30923_1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG232868 representing NM_001199196
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGAACGATGTTGCTCTAGATACAGCTCAGGAGCATCTATCGGCTGCACGCCAACATCAACACAGG
 CGAAGATGGTCTCAAGGCATTGCCAGGAGACCTTTGATGCAGCTGTGCGCGAGAACATCGAGGAGTT
 TGGCATGGGGCCAGAGGAGGCGAGTGAAGAGGCCGTGGAGCAGTTTGAATCGCAAGGGTTGATCTGAGC
 AACATTGTAAGACGGCACCTAAAGTCTCTGCAGACGGATCCCAGGAGCCACACATGACATCCTGCAGA
 TGCTCAGTGACCTCCAGGAGTCTGTGGCCAGCTCTCGCCCCAGGAGGTGTGAGCATACTCACCCGCTT
 CTGCGACCAGTGC AACAGGACAAGGCCTGCCGCTTCTCGCGGCCAGAAGGGGGCCTACCCCATCATC
 TTCCTGCTGGAAGCTGGCCACTGCAGGTGACCAGGGCCTTCTGCTCCAGTCCCTCAATGCCCTGTCGG
 TGCTGACTGATGGACAGCCAGACCTCCTGGATGCCAGGGCCTGCAGCTCCTAGTGGCCAGCTGACCCA
 GAATGCTGATGAGGCTGACCTGACCTGCTGCGGATCCGCTGTGTGCGTACGCTTGCCTGAAACATGAA
 CAGAATCGGCAAGACCTGGTGAAGCTGGCGTGTGCCTCTGCTGACTGGTGCATCACCCATCATGGCC
 ACCACACTGACGTGGTCAAGGAAGCCTGCTGGGCCCTGCGTGTGATGACCTTCGATGACGACATCCGTGT
 GCCCTTTGGCCATGCCACAACCATGCCAAGATGATTGTGCAGGAGAACAAGGCTTGAAGGTGCTCATC
 GAAGCCACCAAGCGTTCCTGGATAACCTGGCATCCTGAGCGAGCTCTGTGGAACCTGTCCCGCTGG
 CCATTCGCAACGAGTTCTGCCAGGAGGTGTCGACCTCGGGGGCCTGAGCATTCTGGTGTCCCTGCTAGC
 CGACTGCAATGACCACAGATGAGGGACCAGAGCGGCGTTCAGGAGCTCGTGAAGCAAGTGTGAGCACC
 CTGCGAGCCATCGCAGGCAACGACGACGTGAAAGATGCTATTGTCCGTGCTGGTGGGACGGAGTCCATCG
 TGGCTGCTATGACCCAGCATCTGACAGCCCCAGGTGTGTGAGCAGAGCTGCGCGGCCCTGTGCTTCT
 GGCCCTGCGTAAGCCCGACAACAGCCGCATCATGCTGGAGGGTGGCGGGGCTGTGGCAGCACTGCAGGCC
 ATGAAGGCACACCCGAGAAAGGCCGCGTGCAGAAACAGGCTTGCATGCTGATCCGAAACCTGGTGGCC
 ACGGCCAGGCCTTCTCGAAGCCCATCCTGGACCTGGGGGCTGAGGCACTCATCATGACGGCCGATCTGC
 CCACCGTACTGTGAGGACGTGGCAAGGCCGCCCTGCGGGACCTGGGTTGTCATGTCGAGCTCCGAGAG
 CTGTGGACAGGCCAGAGGGCAACCTGGCGCCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

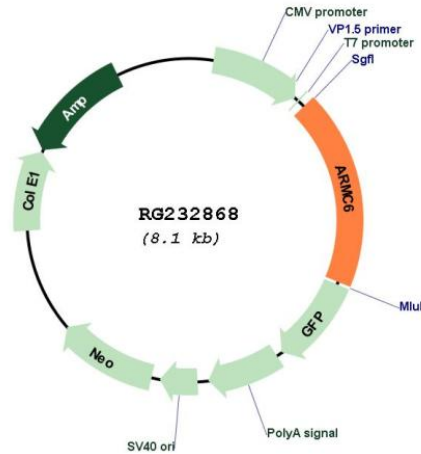
>RG232868 representing NM_001199196
 Red=Cloning site Green=Tags(s)

MSEKCCSRYSYGASIGCTPTSTQAKMVKRIAQETFDAVRENIIEEFAMGPPEEAVKEAVEQFESQGVDS
 NIVKTAPKVSADGSQEPHTDILQMLSDLQESVASSRPQEV SAYL TRFCDQCKQDKACRFLAAQK GAYPII
 FTAWKLATAGDQGLLLQSLNALSVLTDGQPDLLDAQGLQLLVATLTQNADEADL TCSGIRCVRHACLKHE
 QNRQDLVKAGVPLLTGAI THGHHTDVVREACWALRVMTFDDDIRV PFGHAHNHAKMIVQENKGLKVL I
 EATKAFLDNPGLSEL CGTLSRLAIRNEFCQEVVDL GGLSILVSL LADCNDHQMRDQSGVQELVKQVLS T
 LRAIAGNDVVDKDAIVRAGGTESI VAAMTQHLTSPQVCEQSCAALCF LALRKPNSRIIVEGGGVAALQA
 MKAHPQKAGVQKQACMLIRNLVAHGQAFSKPILD LGAEALIMQARS AHRDCEDVAKAALRDLGCHVELRE
 LWTGQRGNLAP

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Plasmid Map:


ACCN: NM_001199196

ORF Size: 1503 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_001199196.2](#)

RefSeq Size: 2505 bp

RefSeq ORF: 1506 bp

Locus ID: 93436

UniProt ID: [Q6NXE6](#)

Cytogenetics: 19p13.11

Protein Families: Stem cell - Pluripotency

Gene Summary: The function of this gene's protein product has not been determined. A related protein in mouse suggests that this protein has a conserved function. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]