

Product datasheet for **RC239047**

ARMC8 (NM_001282342) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_001282342) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARMC8
Synonyms:	GID5; HSPC056; S863-2; VID28
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239047 representing NM_001282342
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAAATGCTGTAATTGGAAACAACAAGCAGAAAGCCAATCTCATTGTTTTAGGAGCTGTTCGAAGT
 TGTGTACTTGCTTCAGCAAGAAACCTCAAGCACAGAGCTGAAAACCTGAATGTGCAGTGGTGTGGGAAG
 TCTTGCTATGGGTACTGAAAACAATGTCAAGTCTCTACTGGACTGCCATATTATCCCTGCCTTATTGCAA
 GGACTACTGTCCCGAGACCTGAAGTTTATTGAAGCTTGCCTCCGATGCCTGCGTACCATCTTCACCAGTC
 CTGTCCTCCAGAGGAGCTACTGTATACAGGGCCAGATCATCAAACAATTTTATTTAACCACGGTGCAGT
 TCAGAATATTGCTCACCTACTAACCTCACTGTCTACAAAGTTCGAATGCAAGCACTGAAATGTTTCTCA
 GTTTTAGCTTTTAAAACCCCGAGTATCGATGACCTGGTAAATGTTTTGGTTGATGGAGAATTGTTAC
 CACAGATTTTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGCAAAATGTTT
 AACTTACATGTGTAGAGCTGGAGCAATTCGGACAGATGATAACTGTATTGTTAAGACATTACCTTGT
 TTGGTTTGAATGTGCAGTAAAGGAGAGTACTAGAGGAGAGAGTTGAAGGAGCTGAGACACTTGCCTATC
 TGATTGAACCAGATGTTGAGCTACAGAGAATCGCTAGCATAACTGATCACCTCATTGCCATGCTTGTCTGA
 TTTTTCAAGTATCCCAGCTCAGTGAAGTCCATCACTGATATTAAGGCTTGCATGATTTAAAAACAT
 GCTCACGAACTCCGCCAGGCTGCATTCAAGCTCTATGCCTCTCTTGGAGCAAATGATGAAGACATCCGGA
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 GCGGTTAGCTGCCGTGAGATGTTTGCACAGTTTATCCAGATCTGTGCAGCAGCTTCAACCAAGTTCCAG
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 CACTCGTCTCATATAGATAAAAATAAGTACTCATGGAAGCAAATTTGCAAGCCGTCCTCTTATT
 CTAGAAGGGGAACATAACATTGAGGTCAAAGAGCAGACTGTGCATCTTAGCCAACATAGCGGATGGGA
 CAACAGCAAAGATCTTATTATGACCAATGATGATATCTACAGAAAATCAAGTATTACATGGGCCATTC
 ACATGTTAAACTGCAGCTTGCAGCCATGTTTTGTATATCAAACCTCATATGGAATGAAGAGGAAGGTTCA
 CAAGAACGCCAGGATAAATACGAGACATGGGCATCGTAGATTTCTACAAAACCTGAGTCAGTCACCAG
 ATTCAAAACCTTTGTGACAAGGCAAAGATGGCACTGCAGCAGTACCTGGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239047 representing NM_001282342
 Red=Cloning site Green=Tags(s)

MKNAVIGNNKQKANLIVLGAVPRLLYLLQQETSSTELKTECAVVLGSLAMGTENNVSLLDCHIIPALLQ
 GLLSPDLKFIACLRLRTIFTSPTPEELLYTGPDHQTLFNGHAVQNIHLLTSLSYKVRMQALKCFS
 VLAFFENPQVSMTLVNVLDGELLPQIFVKMLQRDKPIEMQLTSAKCLTYMCRAGAIRDDNCIVLKTLP
 LVLMCSKERLLEERVEGAETLAYLIEPDVELQRIASITDHLIAMLADYFKYPSVSAITDIKRLDHLKH
 AHELRLQAQAFKLYASLGANDEDIRKKIETENMMDRIVTGLSESSVKVRLAAVRCLHLSRSVQQLRFSQ
 DHAVWKPLMKVLQNPDEILVVASSMLCNLLLEFSPSKEPILESGAVELLCGLTQSENPALRVNGIWM
 NMAFQAEQKIKADILRSLSTEQLFRLLSDSDLNVMKTLGLLRNLLSTRPHIDKIMSTHGKQIMQAVTLI
 LEGEHNIEVKEQTLCILANIADGTTAKDLIMTNDLILQIKIYYMGHSHVKLQLAAMFCISNLIWNEEES
 QERQDKLRDMGIVDILHKLSQLSPDNLCDKAKMALQQYLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

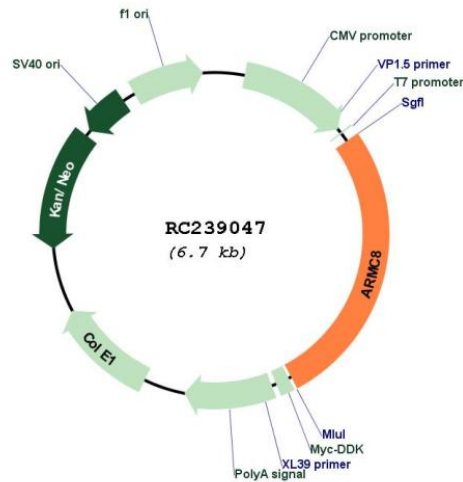
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282342

ORF Size: 1800 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:	<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_001282342.2
RefSeq Size:	4669 bp
RefSeq ORF:	1803 bp
Locus ID:	25852
UniProt ID:	Q8IUR7
Cytogenetics:	3q22.3
MW:	67.6 kDa
Gene Summary:	Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1.[UniProtKB/Swiss-Prot Function]