

Product datasheet for **RC233008**

ARMC8 (NM_001267042) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_001267042) 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:

>RC233008 representing NM_001267042
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTGCTTGTGGAGACCCCAATCCGCATGAGCGTCCTTTCCGGAAGTAACAGCTAGCAGTCGCCACT
 ATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTACAAGGTGTCATAGACATGAAAAATGCTGT
 AATTGGAACAACAAGCAGAAAGCCAATCTCATTGTTTTAGGAGCTGTTCCAAGATTGTTGTACTTGCTT
 CAGCAAGAAACCTCAAGCACAGAGCTGAAAAGTGAATGTGCAGTGGTGTGGGAAGTCTTGCTATGGGTA
 CTGAAAACAATGTCAAGTCTCTACTGGACTGCCATATTATCCCTGCCTTATTGCAAGGACTACTGTCCCC
 AGACCTGAAGTTTATTGAAGCTTGCTCCGATGCCTGCGTACCATCTTACCAGTCTGTCACTCCAGAG
 GAGCTACTGTATACAGATGCCACAGTGATACCACACCTCATGGCACTGCTTAGCAGGTCCCGCTATACCC
 AGGAGTACATCTGTCAGATCTTCTCACACTGCTGTAAGGGCCAGATCATCAAACAATTTTATTTAACCA
 CGGTGCAGTTCAGAATATTGCTCACCTACTAACCTCACTGTCCTACAAAGTTTGAATGCAAGCACTGAAA
 TGTTTCTCAGTTTTAGCTTTTGAACCCCAAGGTATCGATGACCCTGGTAAATGTTTTGGTTGATGGAG
 AATTGTTACCACAGATTTTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGC
 AAAATGTTAACTTACATGTGTAGAGCTGGAGCAATTCGGACAGATGATAACTGTATTGTATTAAGCTT
 GATCATGATTTAAAACATGCTCACGAACTCCGCCAGGCTGCATTCAGCTCTATGCCTCTCTTGGAGCAA
 ATGATGAAGACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACCGAATTTGACTGGCTTGTG
 TGAGTCTAGTGTCAAGGTGCGGTTAGCTGCCGTCAGATGTTTGCACAGTTTATCCAGATCTGTGCAGCAG
 CTTGCAACCAGTTCCAGGATCATGCTGTTTGGAAACCTTAAATGAAGGTTTTACAAAATGCACCAGATG
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 CAAGCCGTCACTTTATTCTAGAAGGGGAACATAACATTGAGGTCAAAGAGCAGACACTGTGCATCTTAG
 CCAACATAGCGGATGGGACAACAGCAAAAGATCTTATTATGACCAATGATGATATCTACAGAAAATCAA
 GTATTACATGGGCCATTACATGTTAACTGCAGCTTGCAGCCATGTTTTGTATATCAAACCTCATATGG
 AATGAAGAGGAAGTTTACAAGAAGCCAGGATAAATTACGAGACATGGGCATCGTAGATATTCTACACA
 AACTGAGTCAGTACCAGATTCAAACCTTTGTGACAAGGCAAAGATGGCACTGCAGCAGTACCTGGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC233008 representing NM_001267042
 Red=Cloning site Green=Tags(s)

MACLLETPIRMSVLSEVTASSRHYVDRLFDPDPQKVLQGVIDMKNAVIGNNKQKANLIVLGAVPRLLYLL
 QQETSSTELKTECAVVLGSLAMGTENNKSLLDCHIIPALLQGLLSPDLKFIACLRLRTIFTSPTPE
 ELLYTDATVIPHLMALLSRSRYTQEYICQIFSHCKGPDHQTILFNHGAVQNIHLLTSLSYKVRMQALK
 CFSVLAFFENPQVSMTLVNVLVDGELLPIQIFVKMLQRDKPIEMQLTSAKCLTYMCRAGAIRTDDNCIVLKL
 DHDLKHAHELQAAFKLYASLGANDEDIRKKIIEIENMMDRIVTGLSESSVKVRLAAVRCLHSLSRSVQQ
 LRFSFQDHAVWKPLMKVLQNPDEILVVASSMLCNLLLEFSPSKEPILES GAVELL CGLTQSEN PALRVN
 GIWALMNMAFQAEQKIKADILRSLSTEQLFRLLSDSDLNVLMTLGLLRNLLSTRPHIDKIMSTHGKQIM
 QAVTLILEGEHNIIEVKEQTLCILANIADGTTAKDLIMTNDLILQIKIYYMGHSHVKLQLAAMFCISNLIW
 NEEEGSQERQDKLRDMGIVDILHKLQSPDNLCDKAKMALQYYLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

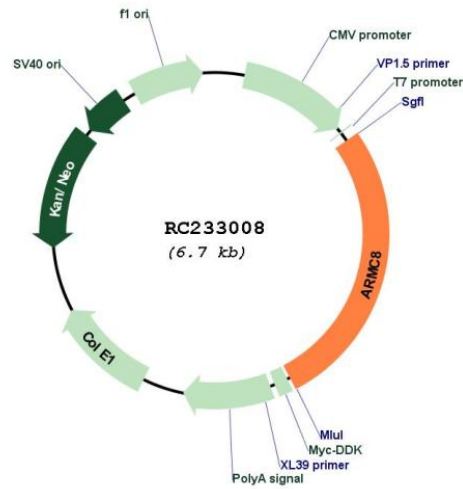
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001267042

ORF Size: 1818 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_001267042.3
RefSeq Size:	4638 bp
RefSeq ORF:	1821 bp
Locus ID:	25852
UniProt ID:	Q8IUR7
Cytogenetics:	3q22.3
MW:	68.4 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]