

Product datasheet for **RC233050**

ARMC8 (NM_001267041) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_001267041) 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



[View online »](#)

ORF Nucleotide
Sequence:

>RC233050 representing NM_001267041
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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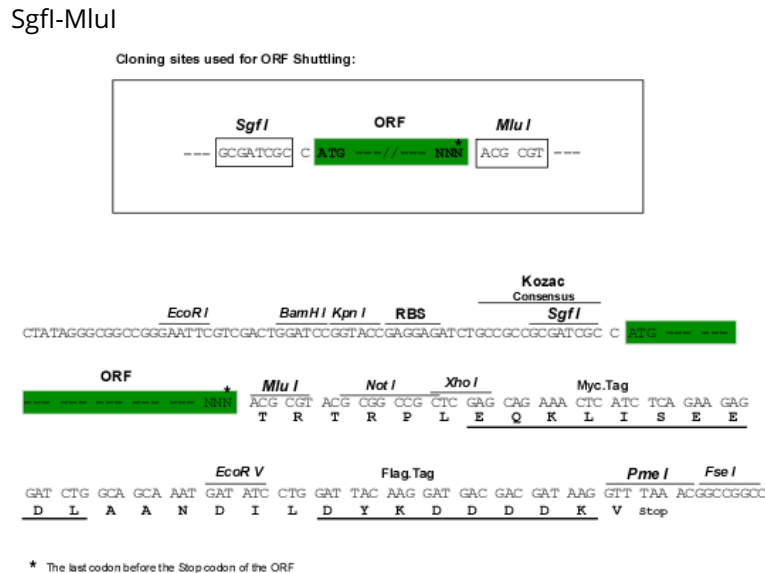
Protein Sequence: >RC233050 representing NM_001267041
 Red=Cloning site Green=Tags(s)

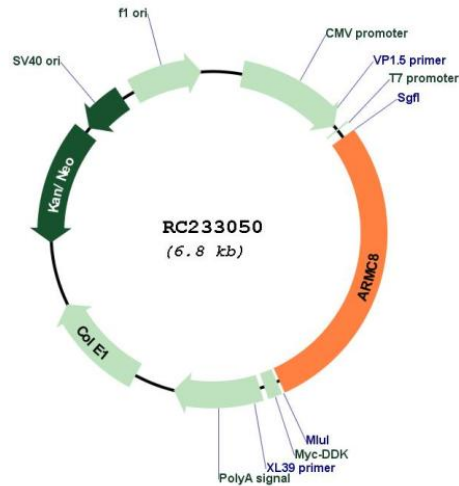
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 ELLYTGPDHQITILFNHGAVQNI AHLLTSLSYKVRMQALKCF SVLAFENPQVSMTLVNVLVDGELL PQIFV
 KMLQRDKPIEMQLTSAKCLTYMCRAGAIRTDDNCIVLKTLPCLVRMCSKERLLEERVEGAETLAYLIEPD
 VELQRIASITDHLIAMLADYFKYPSSVSAITDIKRLDHLKHAHEL RQA AFKLYASLGANEDIRKKIIE
 TENMMDRIVTGLSESSVKVRLAAVRCLHSLSRVQQLRTSFQDHAVWKPLMKVLQNPDEILVVASSMLC
 NLLLEFSPSKEPILESGAVELL CGLTQSENPA LRVNGI WALMNMAFQAEQKIKADILRSLSTEQLFRLLS
 DSDLNVL MKTLG LLRNLLSTRPHIDKIMSTHGKQIMQAVTLILEGEHNIEVKEQTL CILANIADGTTAKD
 LIMTNDLILQKIKYYMGHSHVKLQLAAMFCISNLIWNEEEGSQERQDKLRDMGIVDILHKL SQSPDSNLC
 DKAKMALQQYLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:



Plasmid Map:


ACCN: NM_001267041

ORF Size: 1926 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_001267041.2](#), [NP_001253970.1](#)

RefSeq Size: 4746 bp

RefSeq ORF: 1929 bp

Locus ID: 25852

UniProt ID: [Q8IUR7](#)

Cytogenetics: 3q22.3

MW: 72.3 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]