

Product datasheet for **SC336941**

ARMC8 (NM_001282342) Human Untagged Clone

Product data:

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



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Fully Sequenced ORF: >SC336941 representing NM_001282342.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAAAATGCTGTAATTGGAAACAACAAGCAGAAAGCCAATCTCATTGTTTTAGGAGCTGTTCCAAGA
TTGTTGTACTTGGCTTACGCAAGAAACCTCAAGCACAGAGCTGAAAAGTGAATGTGCAGTGGTGTGGGA
AGTCTTGCTATGGGTACTGAAAACAATGTCAAGTCTCTACTGGACTGCCATATTATCCCTGCCTTATTG
CAAGGACTACTGTCCCCAGACCTGAAGTTTATTGAAGCTTGCCTCCGATGCCTGCCATCCTTACC
AGTCTGTCACTCCAGAGGAGCTACTGTATACAGGGCCAGATCATCAAACAATTTTATTTAACACGGT
GCAGTTCAAGAAATTTGCTCACCTACTAACCTCACTGTCTACAAAGTTTGAATGCAAGCACTGAAATGT
TTCTCAGTTTTAGCTTTTAAAACCCCCAGGTATCGATGACCCTGGTAAATGTTTTGGTTGATGGAGAA
TTGTTACCACAGATTTTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGCA
AAATGTTAACTTACATGTGTAGAGCTGGAGCAATTCGGACAGATGATAACTGTATTGTATTAAGACA
TTACCTTGTGGTTTGAATGTGCAGTAAGGAGAGATTACTAGAGGAGAGAGTTGAAGGAGCTGAGACA
CTTGCCTATCTGATTGAACCAGATGTTGAGCTACAGAGAATCGCTAGCATAACTGATCACCTCATTGCC
ATGCTTGCTGATTATTTCAAGTATCCCAGCTCAGTGAGTGCCATCACTGATATTTAAAGGCTTGATCAT
GATTTAAACATGCTCACGAACCTCCGCCAGGCTGCATTCAAGCTCTATGCCTCTCTTGGAGCAAATGAT
GAAGACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACCGAATTTGACTGGCTTGTCTGAG
TCTAGTGTCAAGTGCGGTTAGCTGCCGTGAGATGTTTGCACAGTTTATCCAGATCTGTGCAGCAGCTT
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ATCCTAGTGGTAGCATCTTCCATGCTGTGTAATCTTCTTGAATTTTCTCAAGCAAAGAGCCAATT
TTGGAATCAGGAGCCGTAGAGCTACTTTGTGGATTAAGTCAAGAGTGAAGTCAAGTCAAGTCAAGTCAAGT
GGAATTTGGGCTTTAATGAATATGGCATTTCAGGCTGAACAAAAAATAAAGCAGATATTTTACGAAGC
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CTTCTTAGAAATCTCCTCTCCACTCGTCTCATATAGATAAAAATAATGAGTACTCATGGAAGCAAATT
ATGCAAGCCGTCCTTATTCTAGAAGGGGAACATAACATTGAGGTCAAAGAGCAGACTGTGCATC
TTAGCCAAACATAGCGGATGGGACAACAGCAAAGATCTTATTATGACCAATGATGATATCTACAGAAA
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ATATGGAATGAAGAGGAAGTTTACAAGAACGCCAGGATAAATTACGAGACATGGGCATCGTAGATATT
CTACAAAACCTGAGTCAGTCACCAGATTCAAACCTTTGTGACAAGCAAAGATGGCACTGCAGCAGTAC
CTGGCATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282342

Insert Size: 1803 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001282342.1](#)

RefSeq Size: 4669 bp

RefSeq ORF: 1803 bp

Locus ID: 25852

UniProt ID: [Q8IUR7](#)

Cytogenetics: 3q22.3

MW: 67.2 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]

Transcript Variant: This variant (6) differs in the 5' and 3' UTRs and has multiple differences in the coding region, including the use of a downstream start codon, compared to variant 1. The encoded isoform (5) is longer and has a shorter N-terminus and distinct C-terminus, compared to isoform 1.