

Product datasheet for **SC308699**

ARMC8 (NM_213654) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_213654) 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)
Fully Sequenced ORF:	>SC308699 representing NM_213654. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGTAAACAGCTAGCAGTCGCCACTATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTA
CAAGGTGTCATAGACATGAAAAATGCTGTAATTGGAAACAACAAGCAGAAAGCCAATCTCATTGTTTTA
GGAGCTGTTCCAAGATTGTTGTACTTGCTTCAGCAAGAAACCTCAAGCACAGAGCTGAAAAGTGAATGT
GCAGTGGTGGGAAGTCTTGCTATGGGTACTGAAAACAATGTCAAGTCTCTACTGGACTGCCATATT
ATCCCTGCCTTATTGCAAGGACTACTGTCCCGAGACCTGAAGTTTATTGAAGCTTGCTCCGATGCCTG
CGTACCATCTTACCAGTCTGTACTCCAGAGGACTACTGTATACAGATGCCACAGTGATACCACAC
CTCATGGCACTGCTTAGCAGTCCCGCTATACCCAGGAGTACATCTGTCAGATCTTCTCACACTGCTGT
AAAGGGCCAGATCATCAACAATTTTATTTAAACCAGGTGCAAGTTCAGAAATATTGCTCACCTACTAACC
TCACTGTCTTACAAGTTCGAATGCAAGCACTGAAATGTTTCTCAGTTTTAGCTTTTGAACCCCCAG
GTATCGATGACCTGGTAAATGTTTTGGTTGATGGAGAATTGTTACCACAGATTTTTGTGAAGATGTTA
CAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGCAAAATGTTTAACTTACATGTGTAGAGCTGGA
GCAATTCGGACAGATGATAACTGTATTGATTAAGACATTACCTGTTTGGTTCGAATGTGCAAGTAAAG
GAGAGATTACTAGAGGAGAGAGTTGAAGGAGCTGAGACACTTGCCTATCTGATTGAACCAGATGTTGAG
CTACAGAGAATCGCTAGCATAACTGATCACCTCATTGCCATGCTTGCTGATTATTTCAAGTATCCGAGC
TCAGTGAGTGCCATCACTGATATTTAAAGGCTTGATCATGATTTAAACATGCTCACGAACCTCCGCCAG
GCTGCATTCAAGCTCTATGCCTCTCTTGAGCAAAATGATGAAGACATCCGGAAGAAGGTGAGTCTGGGA
GAGGGGCGTCCCCAGTCTGACAGCCAGCAGGAGGAGTGACGTCAACCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:	□
ACCN:	NM_213654
Insert Size:	1158 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_213654.3
RefSeq Size:	3290 bp
RefSeq ORF:	1158 bp
Locus ID:	25852
UniProt ID:	Q8IUR7
Cytogenetics:	3q22.3
MW:	43 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site in the 5' UTR, compared to variant 1. Variants 1 and 3 encode the same isoform (1).</p>