

Product datasheet for **SC321986**

ARMC8 (NM_015396) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC8 (NM_015396) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC8
Synonyms:	GID5; HSPC056; S863-2; VID28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC321986
 CCACGCGTCCGCCACGCGTCCGCCGCTACTTGAGCGGTGTCAGAGCGTGGCCAGTTCT
 CGTCTATCTGGCTGCCTTTAGGGAGCGGTGCCTAGCGTTGGCCAATAGTTGGCTGTCGAA
 AGTGCCGGCCCCCGCCGGCGCCTGCAGCAGCCGGTGGGAAGGCTCAAGATGGCGTGC
 TTGTTGGAGACCCCAATCCGCATGAGCGTCCTTTCCGACCAGGAATGAAAGTTACTGGGA
 GATAACTTCGAAGGATTTTCAACAAATTCGAGCTGTCGACTCTGAGAATGGAAGTAAC
 AGCTAGCAGTCGCCACTATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTACA
 AGGTGTCATAGACATGAAAAATGCTGTAATTGGAAACAACAAGCAGAAAGCCAATCTCAT
 TGTTTTAGGAGCTGTTC AAGATTGTTGTA CTGCTTCAGCAAGAAACCTCAAGCACAGA
 GCTGAAAAC TGAATGTGCAGTGGTGTGGGAAGTCTTGCTATGGGTA CTGAAAACAATGT
 CAAGTCTCTACTGGACTGCCATATTATCCCTGCCTTATTGCAAGGACTACTGTCCCAGA
 CCTGAAGTTTATTGAAGCTTGCCTCCGATGCCTGCGTACCATCTTACCAGTCTGTAC
 TCCAGAGGAGCTACTGTATACAGATGCCACAGTGATACCACACCTCATGGCACTGCTTAG
 CAGGTCCCCTATACCCAGGAGTACATCTGTGAGATCTTCTCACACTGCTGTAAGGGCC
 AGATCATCAAACAATTTTATTTAACACGGTGCAGTTCAGAATATTGCTCACCTACTAAC
 CTACTGTCCTACAAAGTTCGAATGCAAGCACTGAAATGTTTCTCAGTTTTAGCTTTTGA
 AAACCCCAAGGTATCGATGACCCTGGTAAATGTTTGGCTGATGGAGAATTGTTACCACA
 GATTTTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGCAAA
 ATGTTTAACTTACATGTGTAGAGCTGGAGCAATTCGGACAGATGATAACTGTATTGTATT
 AAAGACATTACCTTGTGGTTCGAATGTGCAGTAAGGAGAGATTACTAGAGGAGAGAGT
 TGAAGGAGCTGAGACACTTGCCTATCTGATTGAACCAGATGTTGAGCTACAGAGAATCGC
 TAGCATAACTGATCACCTCATTGCCATGCTTGTGATTATTTCAAGTATCCCAGCTCAGT
 GAGTGCCATCACTGATATTTAAAGGCTTGCATGATTTTAAACATGCTCACGAACTCCG
 CCAGGCTGCATTCAAGCTCTATGCCTCTCTTGGAGCAAATGATGAAGACATCCGGAAGAA
 GATCATTGAGACTGAAAATATGATGGACGAATTGTGACTGGCTTGTCTGAGTCTAGTGT
 CAAGGTGCGGTTAGCTGCCGTGAGATGTTTGCACAGTTTATCCAGATCTGTGCAGCAGCT
 TCGAACCAAGTTCCAGGATCATGCTGTTTGGAAACCTTTAATGAAGGTTTACAAAATGC
 ACCAGATGAAATCCTAGTGGTAGCATCTCCATGCTGTGTAATCTTCTTGAATTTTC
 TCCAAGCAAAGAGCCAATTTTGGAAATCAGGAGCCGTAGAGCTACTTTGTGGATTAAC TCA
 GAGTAAAATCCTGCTTACGAGTGAATGGAATTTGGGCTTTAATGAATATGGCATTTC A
 GGCTGAACAAAAATAAAAGCAGATATTTACGAAGCTTGAAGTACTGAACAGCTATCCG
 GTTATTATCAGATTCAGATTTGAATGTGCTGATGAAGACATTGGGACTTCTTAGAAATCT
 CCTCTCCACTCGTCTATATAGATAAAAATAAGTACTCATGGAAAGCAAATATGCA
 AGCCGTCACTCTTATTCTAGAAGGGGAACATAACATTGAGGTCAAAGAGCAGACTGTG
 CATCTTAGCCAACATAGCGGATGGGACAACAGCAAAAGATCTTATTATGACCAATGATGA
 TATCCTACAGAAAATCAAGTATTACATGGGCCATTACATGTTAAACTGCAGCTTGCAGC
 CATGTTTTGTATATCAAACCTCATATGGAATGAAGAGGAAGGTTACAAGAACGCCAGGA
 TAAATACGAGACATGGGCATCGTAGATATTCTACACAACTGAGTCAGTCACCAGATTC
 AAACCTTTGTGACAAGGCAAAGATGGCACTGCAGCAGTACCTGGCATGATGGGAGTGCC
 CTGGGCACCTGCGAGCATCCACCTCCTTGTTTAAAGGAAGTACAGGAACAGCCTCATTT
 GATTCCTTCTATTTGCACAAGTACCTTGGACTGCAGGGAGCTGTTTTGCAAAAGCAGTT
 TAGTAGGCTTAGATCTCAAATTCATCTTGAGAACATTTTTTTGAGGTAGTAATTTCTCA
 GAAGACTCTTGTGTTTTGTTTTGTTTTTTCTGAGCTACTCGGACTCTTTATTAGAA
 CAATCAATCATTTTCTTTGGACCTACAATTTTTGCCTATGCTGCAGCCACTTTGTGAGT
 GAGAATGAATATGTCTGTGTGAACACAGGCATGCGTGTGTATGTGCACGTACATGGGC
 CAGAATGAATGGATGTGTGTGTGAGGGATACCTCAGATTTTTCTTTCTTATTTTGTG
 TGAATCTCTTTCTACAGATTTCCAGGGTTAAGCATTGCTTGTGTATAAAAAACT
 TTAAGTGAATTATATACAGTTTGAATGAAATGTTATTTTAAAAACAAAACAATTGTTAAGT
 GTTCCATAAAGGTTATGTTGAATTTTGGTCAGATGAATATTTGTAAGTAAAAAATATATG
 CATTTCTGAACCTCAACTTACATAGATTTTCTTTATATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN:	NM_015396
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:	<u>NM_015396.3</u> , <u>NP_056211.2</u>
RefSeq Size:	3832 bp
RefSeq ORF:	1980 bp
Locus ID:	25852
UniProt ID:	<u>Q8IUR7</u>
Cytogenetics:	3q22.3
Domains:	Armadillo_seg
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 (2) includes multiple additional exons in the coding region and differs in the 3' UTR, compared to variant 1. The encoded isoform (2) is longer and has a distinct C-terminus, compared to isoform 1.</p>