

Product datasheet for **SC114639**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015396, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGTAACAGCTAGCAGTCGCCACTATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTAC
AAGGTGTCATAGACATGAAAAATGCTGTAATTGGAACAACAAGCAGAAAGCCAATCTCATTGTTTTAGG
AGCTGTTCCAAGATTGTTGACTTGCTTCAGCAAGAAACCTCAAGCACAGAGCTGAAAACGAATGTGCA
GTGGTGTGGGAAGTCTTGCTATGGGTAAGTCAAAAACAATGTCAAGTCTCTACTGGACTGCCATATTACC
CTGCCATTATTGCAAGGACTACTGTCCCCAGACCTGAAAGTTTATTGAAGCTTGCCCTCCGATGCCTGCGTAC
CATCTTCACCAGTCTGTCACTCCAGAGGAGCTACTGTATACAGATGCCACAGTGATACCACACCTCATG
GCACTGCTTAGCAGGTCCCGCTATACCCAGGAGTACATCTGTCAGATCTTCTCACACTGTGTAAGGGC
CAGATCATCAAACAATTTTATTTAACCACGGTGCAGTTCCAGAATATTGCTCACCTACTAACCTCACTGTC
CTACAAAGTTCGAATGCAAGCACTGAAATGTTTCTCAGTTTTAGCTTTTAAAACCCCCAGGTATCGATG
ACCCTGGTAAATGTTTTGGTTGATGGAGAATTGTTACCACAGATTTTTGTGAAGATGTTACAGAGGGATA
AGCCTATTGAGATGCAGCTCACATCAGCAAAATGTTAACTTACATGTGTAGAGCTGGAGCAATTCGGAC
AGATGATAAAGTATTGTATTAAGACATTACCTTGTGGTTTGAATGTGCAAGTAAAGGAGAGATTACTA
GAGGAGAGAGTTGAAGGAGCTGAGACACTTGCCTATCTGATTGAACCAGATGTTGAGCTACAGAGAAATCG
CTAGCATAAAGTATCACCTCATTGCCATGCTTGCTGATTATTTCAAGTATCCCAGCTCAGTGAGTGCCAT
CACTGATATTAAGGCTTGATCATGATTTAAACATGCTCACGAACTCCGCCAGGCTGCATTCAAGCTC
TATGCCCTCTTTGGAGCAAAATGATGAAGACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACC
GAATTGTGACTGGCTTGCTGAGTCTAGTGTCAAGGTGCGGTTAGCTGCCGTGAGATGTTTGACAGTTT
ATCCAGATCTGTGCAGCAGCTTCGAACCAAGTTCCAGGATCATGCTGTTTGGAAACCTTTAATGAAGTT
TTACAAAATGCACCAGATGAAATCCTAGTGGTAGCATCTTCCATGCTGTGTAATCTTCTTGAATTTT
CTCCAAGCAAAGAGCCAATTTTGAATCAGGAGCCGTAGAGCTACTTTGTGGATTAACCTCAGAGTAAAA
TCCTGCTTACGAGTGAATGGAATTTGGCTTTAATGAATATGGCATTTCAGGCTGAACAAAAAATAAAA
GCAGATATTTTACGAAGCTTGAGTACTGAACAGCTATTCCGGTTATTATCAGATTCAGATTTGAATGTGC
TGATGAAGACATTGGGACTTCTTAGAAATCTCCTCTCCACTCGTCCATATAGATAAAAATAAGTATGAC
TCATGGAAGCAAAATGCAAGCCGCTACTCTTATTCTAGAAGGGGAACATAACATTGAGGTCAAAGAG
CAGACACTGTGCATCTTAGCCAACATAGCGGATGGGACAACAGCAAAAGATCTTATTATGACCAATGATG
ATATCCTACAGAAAATCAAGTATTACATGGGCCATTACATGTTAACTGCAGCTTGACGCCATGTTTTG
TATATCAAACCTCATATGGAATGAAGAGGAAGGTTACAAGAACGCCAGGATAAATACGAGACATGGGC
ATCGTAGATATTCTACACAACTGAGTCAGTACCAGATTCAAACCTTTGTGACAAGGCAAAGATGGCAC
TGACAGCTACCTGGCATGA
    
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015396 unedited
GCACGAGGGCTCAGTGAGTGCCATCACTGATATTAAGGCTTGATCATGATTTAAACA
TGCTCACGAACTCCGCCAGGCTGCATTCAAGCTCTATGCCCTCTTTGGAGCAAATGATGA
AGACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACCGAATTGTGACTGGCTT
GTCTGAGTCTAGTGTCAAGGTGCGGTTAGCTGCCGTGAGATGTTTGCACAGTTTATCCAG
ATCTGTGCAGCAGCTTCGAACCAAGTTCCAGGATCATGCTGTTTGGAAACCTTTAATGAA
GGTTTTACAAAATGCACCAGATGAAATCCTAGTGGTAGCATCTTCCATGCTGTGTAATCT
TCTTCTTGAATTTTCTCCAAGCAAAGAGCCAATTTTGAATCAGGAGCCGTAGAGCTACT
TTGTGGATTAACCTCAGAGTGAATCCTGCTTACGAGTGAATGGAATTTGGGCTTTAAT
GAATATGGCATTTCAGGCTGAACAAAAAATAAAGCAGATATTTTACGAAGCTTGAGTAC
TGAACAGCTATTCCGGTTATTATCAGATTCAGATTTGAATGTGCTGATGAAGACATTGNG
ACTTCTTAGAAATCTCCTCTCCACTCGTCCATATAGATAAAAATAATGAGTACTCATGG
AAAGCAAATTATGCAAGCCGTCCTC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015396 unedited TCTTTGAACCCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTCAGAATGCA TATATTTTTTACTTACAAATATTCATCTGACCAAAATTCACATAACCTTTATGGAACAC TTAACAATTGTTTTGTTTTTAAATAACATTTTCATTCAAACGTATATAATTCAGTAAAG TTTTTTATACAGCAAGCAATGCTTAAACCCTGGAAAAATCCTGTAGAAAAGAGATTTTCA CACAAAATAAGAAAAGAAAAATCTGAGGTATCCCTCACACACACACATCCATTCTCTG GCCCATGTACGTGCACATACACACGCATGCCTGTGTGTTACACACAGACATATTCATTCTC ACTCACAAAGTGGCTGCAGCATAGGCAAAAATTGTAGGTCCAAAGGAAAATGATTGATTG TTCTAATAAAGAGTCCGAGTAGCTCAGAAAAAAAACCAAAACAAAACACAAGAGTCTTC TGAGGAAATTAACCTCAAAAAATGTTCTCAAGATGAATTTGAGATCTAAGCCTACTA AACTGCTTTTGCAAAACAGCTCCCTGCAGTCCAAGGTGACTTGTGCAATAGAAGGAATC AAATGAGGCTGGTTCCTGTACTTCTTAACANNAGTGGGATGCTCGCAGGTGCCAGGG GCACTCCCATCATGCCANGTACTGCTGCAGTGCCATCTTGCCTTGTACAAAGGTTTGA ATCTGGTGACTGACTCAGTTTGTGTAATATCTACGATGCCATGTCTCGAATTTATCCT GGCGTTCTGNAAACTTTCTCTNCATTCCATATGAGGTTGAATTACAAACATGGNCTGCA GCTGCAGTTTACATGTGAAGGGCCATGTNAACTTGAATTTTTGAAGGATTCATCATTGGC ATAAAAAAATCTTTGCTGTGGCCATCCGCTTGTGGCTAAATGCCAAGGCTGGTTTTGAC CTAAGGTAGTCCCCTTTAAAAAAGCGGTGCTATT
Restriction Sites:	NotI-NotI
ACCN:	NM_015396
Insert Size:	1770 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:	<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_015396.1 , NP_056211.1
RefSeq Size:	4915 bp
RefSeq ORF:	729 bp
Locus ID:	25852
UniProt ID:	Q8IUR7
Cytogenetics:	3q22.3
Domains:	Armadillo_seg

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 (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.