

Product datasheet for **MC220356**

Armc8 (NM_028768) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc8 (NM_028768) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Armc8
Synonyms:	1200015K23Rik; Gid5; HSPC056
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220356 representing NM_028768
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGTGCCTGTTGGAGACCCCAATCCGCATGAGCGTCTCTCGGAGGTAACAGCTAGCAGTCCGCACT
 ATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTCCAAGGTGTCATAGACATGAAAAATGCTGT
 AATTGGAAACAATAAACAGAAAGCCAACCTCATCGTTCTAGGAGCGGTTCCAAGATTGTTGTATTTGCTT
 CAACAAGAAACCTCAAGTACAGAGCTGAAAAGTGAATGTGCAGTGGTGTAGGGAGTCTTGCGATGGGCA
 CAGAAAACAATGTCAAGTCTCTACTAGACTGCCATATTATCCCTGCCTTACTACAAGGACTACTGTCCCC
 AGACCTGAAGTTCATTGAAGCTTGCCCTCCGATGCCTCCGACAATCTTACCAGCCCTGCTACTCCAGAG
 GAGCTACTGTATACAGATGCTACGGTGATACCACACCTCATGGCACTGCTGAGCAGGTCCCGCTACACCC
 AGGAGTATATCTGCCAGATCTTCTCACACTGTTGCAAAGGGCCAGATCATCAAACAATTTTGTAAACCA
 TGGGGCAGTGCAGAACATTGCTCATCTCCTAACCTCACCTCTTACAAAGTTCGAATGCAAGCACTGAAA
 TGCTTCTCTGTTTTAGCCTTTGAGAATCCCAAGTATCGATGACCCTGGTAAACGTTTTGGTTGATGGGG
 AGTTGTTACCACAGATATTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACGTCAGC
 AAAATGTTAACTTACATGTGCAGAGCTGGAGCAATTCGCACAGATGACAGCTGTATTGTATAAAACT
 TTGCCCTGTTGGTTTGAATGTGCAGTAAGGAGAGGTTACTAGAGGAGAGAGTTGAAGGAGCTGAGACCC
 TCGCCTATCTGATTGAGCCAGATGTTGAGCTGCAGAGAATCGCTAGCATAACCGACCACCTCATTGCCAT
 GCTGGCTGACTATTTCAAGTATCCCAGCTCAGTGAAGGCCATCACTGACATTAAGGCTTGATCATGAC
 TAAAAACATGCCATGAGCTCCGCCAGGCTGCGTTCAAGCTCTATGCCTCTCTGGAGCAAATGATGAAG
 ACATCCGGAAGAAGATCATTGAGACTGAAACTATGATGGACCGAATTGTGACTGGCTTGCTGAGTCTAG
 TGCAAGGTGCGGTTAGCTGCTGTCAGATGTTTGACAGTTTATCCAGATCTGTACAACAGCTTCGAACC
 AGTTTCCAGGATCATGCGGTGTGAAAACCTTTAATGAAGTTTTACAAAATGCACCCGATGAAATCCTAG
 TAGTAGCATCTTCCATGTTATGTAACCTTCTTCTGAATTTTCTCCAAGTAAAGAGCCAATTTTGAATC
 AGGAGCTGTCGAGCTGCTCTGTGGGTTGACACAGAGTAAAAACCTGCTCTACGAGTGAATGGGATTTGG
 GCTTTAATGAATATGGCATTTCAGGCGGAACAAAAATAAAGAGCAGATATTTACGAAGTCTGAGTACTG
 AACAGTTATTCGGTTATTGTCAGATTCTGATATGAATGTGCTGATGAAGACATTGGGGCTTCTTAGAAA
 TCTCCTCTCCACTCGGCCTCATATAGATAAAATCATGAGTACTCATGGGAAGCAGATTATGCAAGCTGTC
 ACTCTGATACTGGAAGGGGAGCATAGCATTGAAGTCAAAGAGCAGACCCTGTGCATCCTAGCCAACATTG
 CAGATGGGACAACAGCAAAGAGCTTATTATGACCAATGATGACATCCTGCAGAAAATCAAATATTACAT
 GGGTCATTACATGTCAAAGTGCAGCTTGTGCCATGTTTTGTATATCAAACCTCATATGGAACGAAGAG
 GAAGGTTACAGGAACGCCAGGATAAAATACGAGACATGGGGATTGTAGATATTCTACACAAACTGAGTC
 AGTCGGCAGACTCAAACCTCTGTGACAAGGCAAAGACGGCGCTGCAGCAGTACCTGGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_028768

Insert Size: 2022 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_028768.3](#), [NP_083044.2](#)

RefSeq Size: 4628 bp

RefSeq ORF: 2022 bp

Locus ID: 74125

UniProt ID: [Q9DBR3](#)

Cytogenetics: 9 E3.3

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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.