

Product datasheet for MR206256

Armc8 (NM_001166138) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc8 (NM_001166138) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Armc8
Synonyms:	1200015K23Rik; Gid5; HSPC056
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR206256 representing NM_001166138 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTGCCCTGTTGGAGACCCCAATCCGCATGAGCGTCTCTCGGAGGTAACAGCTAGCAGTCGCCACT
ATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTCCAAGGTGCATAGACATGAAAAATGCTGT
AATTGGAAACAATAAACAGAAAGCCAACCTCATCGTTCTAGGAGCGGTTCCAAGATTGTTGTATTTGCTT
CAACAAGAAACCTCAAGTACAGAGCTGAAAAGTGAATGTGCAAGTGGTGTAGGGAGTCTTGCGATGGGCA
CAGAAAACAATGTCAAGTCTCTACTAGACTGCCATATTATCCCTGCCTTACTACAAGGACTACTGTCCCC
AGACCTGAAGTTCATTGAAGCTTGCCTCCGATGCCTCCGGACAATCTTACCAGCCCTGTCACTCCAGAG
GAGCTACTGTATACAGATGCTACGGTGATACCACACCTCATGGCACTGCTGAGCAGGTCCCGCTACACCC
AGGAGTATATCTGCCAGATCTTCTCACACTGTTGCAAAGGGCCAGATCATCAACAATTTTGTAAACCA
TGGGGCAGTGCAGAACATTGCTCATCTCCTAACCTCACCTCTTACAAAGTTCGAATGCAAGCACTGAAA
TGCTTCTCTGTTTAGCCTTTGAGAATCCCAAGTATCGATGACCCTGGTAAACGTTTTGGTTGATGGGG
AGTTGTTACCACAGATATTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCAGCTCAGC
AAAATGTTAACTTACATGTGCAGAGCTGGAGCAATTCGCACAGATGACAGCTGTATTGATTTAAAAACT
TTGCCTTGTGTTGTTGCGAATGTGCAAGTAAAGGAGAGTTACTAGAGGAGAGAGTTGAAGGAGCTGAGACCC
TCGCCTATCTGATTGAGCCAGATGTTGAGCTGCAGAGAATCGCTAGCATAACCGACCACCTCATTGCCAT
GCTGGCTGACTATTTCAAGTATCCAGCTCAGTGAGCGCCATCACTGACATTTAAAGGCTTGATCATGAC
TAAAACATGCCATGAGCTCCGCCAGGCTGCGTTCAAGCTCTATGCCTCTCTTGAGCAAAATGATGAAG
ACATCCGAAGAAGGTGAGTCTGGGAGAGGGCGTCCCCAGTCTGACAGCCAGCAGGCAGGGAGTGAC
GTCAACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206256 representing NM_001166138
 Red=Cloning site Green=Tags(s)

MACLLETPIRMSVLSEVTASSRHYVDRLFDPDPQKVLQGVIDMKNNAVIGNNKQKANLIVLGAVPRLLYLL
 QQETSSSTELKTECAVVLGSLAMGTENNVSLLDCHIIPALLQGLLSPDLKFEACLRLRTIFTSPVTPTE
 ELLYTDATVIPHLMALLSRSYTQEYICQIFSHCCKGPDHQTILFNHGAVQNIHLLTSPSYKVRMQALK
 CFSVLA FENPQVSMTLVNVLVDGELLPQIFVKMLQRDKPIEMQLTSAKCLTYMCRAGAIRTDDSCIVLKT
 LPCLVRMCSKERLLEERVEGAETLAYLIEPDVELQRIASITDHLIAMLADYFKYPPSSVSAITDIKRLDHD
 LKHAHEL RQA AFKLYASLGANDEDIRKKVSLGEGRPPVLTASRQGV TST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

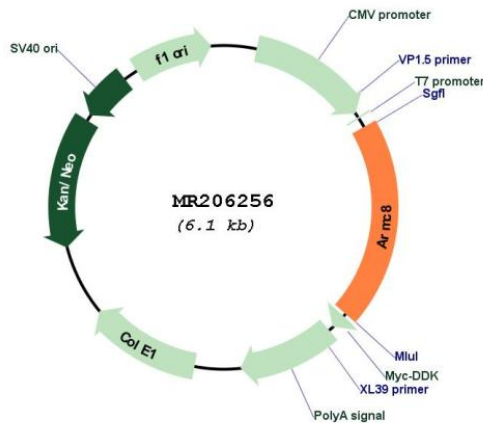
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001166138

ORF Size:	1197 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001166138.1 , NP_001159610.1
RefSeq Size:	3629 bp
RefSeq ORF:	1200 bp
Locus ID:	74125
UniProt ID:	Q9DBR3
Cytogenetics:	9 E3.3
MW:	44.9 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]