

Product datasheet for **MR207972**

Armc9 (BC028964) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc9 (BC028964) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Armc9
Synonyms:	3830422A13Rik; 4831423D23Rik; 4930438O05Rik; 5730415N24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207972 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGACTACCAACCTCATCGGTGTACAGCTGAGCTGGTGGACTCTCTGGAGGCCACAGTCAGCG
 GCAAGATGATCACCCCGAGTACCTGCAGAGTGTCTGTGTCGCCCTCTTCAGTAACCAGATGCGGCAGAG
 CCTGGCACACAGCGTGGACTTCACGAGGCTGGGACGGCCTCAACCATGTTGCGAGCCTCCTTGGACCT
 GAGAAGCTGAAGGATGTCCCGCTACTGCCTCCCTGGATTATGAGAAGCTGAAGAAGGATTTGATCTGGG
 GGAGTGACCGCTTAAAGCCTTCTGTTGCAGGCTCTGCGCTGGCGCTTGACCACATCCCATCCGGGGGA
 GCAGAGGGAGACAGTCTGCAAGCCTACATCAGCAATGACCTCTTGATTGCCACAGCCATAACCAGAGG
 AGTGTGCTGCAGCTGCTGACTCCAAGAGCGAGGCTGTGCGGCAGTACATGGCCAGGCTCATCAATGCC
 TGGCGTCACTGGCTGAAGTGCCTGTACTGGCCAGAACACAAAGGTGCTGCGGATGCTGGAGGGAAG
 GCTCAAGGAGGAAGACAAGGATGTCATCACTCGTGAGAATGTCTCGGGCCTTGCAGAAGTTCAGCCTC
 AGGCGGCCACTGCAGACAGCGATGATTCGAGATGGCCTCATCTTCTGGCTGATCGACCTACTGAAGGACC
 CTGACTGCCTGTCTGACTACACATTGGAGTACTCCGTGGCTTTGCTCATGAACCTCTGCCTCCGAGTGC
 AGGAAAGAACATGTGTGCTAAGGTGGCAGGGCTCATGCTGAAAGTTCTTTCGGATCTCCTTGGACACGAA
 AACCATGAGATCCAGCCGTATGTGAATGGAGCCCTGTACAGCATCCTCTCCATCCCGTCCATTGAGAGG
 AGGCCAGAGCCATGGGAATGGAGGATATCTGCGATGCTTCATCAAAGAAGGCAACGCTGAAATGATCCG
 CCAGATAGAGTTTATCATCAAGCAGCTGAATTCGAAGATTTACTCGATGGTGTCTTGAATCCGACGAT
 GATGAGATGAAGATGATGAAGAGGATCATGACATCATGGAAGCTGACCTGGACAAGATGAACGATCC
 AGCCCCAGCTGGGAGAACTCTCAGGCGAGAAGCTTCTAACCCACAGAGTACTTGGGAATCATGACCAACAC
 TGGGAAGGCACGGAGAAAGGGCCGCCAGTGTGCAAGTGGAGTGGGGATGAGCCCTTCTGTCGGCCAGTC
 ACCCTGTTGGCCACAGGACAGGTTGCCAGTGTAGGAGACCATCTCATTCTCCCCAGAAATGCCAAC
 AAGCCAGAAACGGCTGCCTGCGGGCCATGCCAGTCGCTCATCCAGATGACTACAAAGAGGGCAAGCCTGG
 TGTACTGGGTGTGGCACGTCCTCTTATGTAAGAATGCTGTGGGTGCCAAGCCGGTCTGAGCTCTGG
 GCTCAAGAATCCAAGAGA

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207972 protein sequence
 Red=Cloning site Green=Tags(s)

MADYHNLIGVTAELVDSLEATVSGKMITPEYLQSVCVRLF SNQMRQSLAHSVDFTRPGTASTMLRASLAP
 EKLKDVPLLP SLDYEKLLKDLIWGSDRLKAFLLQALRWRLTTSHPGEQRETVLQAYISNDLLDCHSHNQR
 SVLQLLHSEAVRQYMARLINALASLAEGRLYLAQNTKVLRMLEGRLKEEDKDVTRENVLGALQKFSL
 RRPLQTAMIRDGLIFWLIDLLKDPDCLSDYTYLEYSVALLMNLCLRSAGKNMCAKVAGMLKVLSDLLGHE
 NHEIQPYVNGALYSILSIPSIREEARAMMEDILRCFIKEGNAEMIRQIEFIIKQLNSEDLLDGVLESDD
 DEDEDDEEDHDIMEADLDKDEL IQPQLGELSGEKLLTTEYLGIMTNTGKARRKGPASVQVSGDEPLRRPV
 TPGGHRTGCPVLGDHLISPQNAQQARNGCLRAMPVAHPDDYKEGKPGVTGCGTSSSCKNAVGA KPVLSSW
 AQESKR

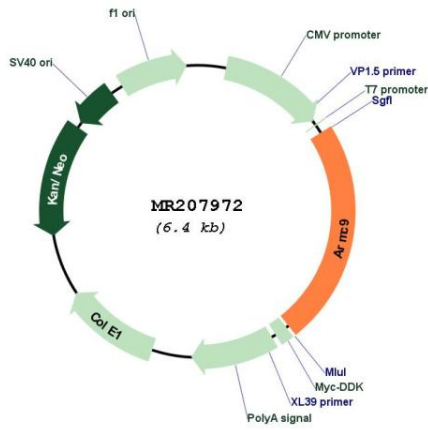
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Gene Summary: Required for ciliogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207972