

Product datasheet for MC212569

8030462N17Rik (NM_178670) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	8030462N17Rik (NM_178670) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	8030462N17Rik
Synonyms:	Akd2; Ark2N
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212569 representing NM_178670 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGATGGAGGAGGCAGTGGGAAAAGTTGAAGAACTCATTGAGTCTGCAGCCCCACAAAAGCATCTG
AACAAAGACAGCCAAGGAAGAAGATGGCTCTGTAGAACTGGAATCTCAAGTTCAGAAAGATGGTGTAGC
TGACTCTACAGTTCTCTTCAATGCCCTGTTTGTGTGAAGTGAAGAGGACTCTTCAGAGTCTCAG
TTAGCATCCAGAGAGTGACAAGCCACAAGTGGCCGAGTTTATGAGAGTGACTCCTCTAATCATTGCA
TGCTTTCCCTTCTCTAGTGGCATTGGCTGATTGAGATACATTGTCTTCTGTTGAAGAGAATGAACC
CTCGCAAGCAGAAACAACCGTGGAGGAGATACTTCAGGAGTGTCTGGTGCCTGTTGGACGAAAGTCT
CGGCGGTCCCCTTCTGAAAGTGAACATCTACTATGGCTGCCAAGAAAAACCGGCAATCCAGCGATAAGC
AGAATGGCAGAGTCACCAAGGTTAAAGGTCATCGGAGCCAAAAGCACAAGGAGAGGATCAGACTACTGAG
GCAGAAACGGGAGGCAGCTGCAAGGAAGAAGTACAACCTGCTGCAGGACAGTAGTACCAGTGACAGTGAC
CTGACTTGTGACTCAAGCAGAGTTCTCAGATGATGATGACGAGGTTTCAGGGAGCAGCAAGACAATCA
CTGCAGAGATACCAGATGGACCTCCAGTTGTAGCTCATTATGATATGTCTGACACCAGCTCTGACCCAGA
AGTGATAAATGTGGACAATTTATTGGCGCTGCAGTAGTTCAAGAGCACAGTAATTCAGTAGGCGGCCAG
AACACAGGAGCTACCTGGAGGACCAGCAGCTTCTAGAGGCAGGTCAATTTGGATCCAGGATTCCTGGCAA
GTGACAAGACATCAGTTGGCAGTGCACCACTTAACGAAGAAATTAATATCGCCTCTTCAGATAGCGAAGT
GGAGATTGTGGGTGTTTCAGGAGCACGCAAGGTGTGCTCACCCCCAGGAGGCGTGATCCAGAGTGTCTCT
TCCTGGAAGCATGGCTCTGGCCCGCAGTATGTGGGCTCCCGGCCGCACAGTCATGGAGTCTGTGACCC
CGCAGCAGACGTGGGCTTCGCCAGCAGAGGTCGTCGACCTTACCTTGGATGAGGATAGCAGACGCAAATA
CCTACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_178670
Insert Size:	1200 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_178670.3, NP_848785.2</u>
RefSeq Size:	3418 bp
RefSeq ORF:	1200 bp
Locus ID:	212163
UniProt ID:	<u>Q8BH50</u>
Cytogenetics:	18 E3