

Product datasheet for MC224179

C530008M17Rik (NM_001163793) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C530008M17Rik (NM_001163793) Mouse Untagged Clone
Tag: Tag Free
Symbol: C530008M17Rik
Synonyms: 2810489J07Rik; 4930529A19Rik; 4931405B09Rik; Kiaa1211; mKIAA1211
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224179 representing NM_001163793
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGAGCACGGGCGTTCTCCCATGACAGTATTTTTATCCCTGATGGGGAGCAGAAAGTGAGCAGACAG
TTCAAGCAATGTCACAGGACAACATCCTGGCAAAGTCAAACCTTTCAGCGACAGTTGGGCAAGAATAT
CAAGTTTGGGCAGCGGCCATCGAACGCCATTCCCATGAAGAAGGCAGGCAGCACAGATGCTAGCTCAGAG
GAGGACTTCGTCCTCACCAGTCCCATGGAGATTGTGACTCAGCAGGATATTGTCCCTCAGACACGGAGA
ACAAATCCAGCGATACACCAAGTTCCTCAAGTCTCTGAATCTACCTGAAGCCGGAAGTGACATGGAAGA
GAAGGTTGCTCCAGTTAAACCTCTCGGCCAAAAAGGCACTTGTCTTCCGCCGGCACCATCGAAAGTGTC
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AGCCAAAAACCAGAGGGTGTCAAGGAAGCACAGGTGGCTTGCCAGGACCGACAGAATGAACCGGGCAG
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GGAGGAGGAGGCCAAGGCATAGAAGAGCTGAAAGGAAAGGAGACACCAGAGCCGCTGGTGGAGGAGGT
CCGAGAGTCCAGAAGGAGAGAGCCAGCCTTGCTAACGGACGATGCTGACCAGCGAAGCCCACTGCAGC



GGGACCTTGAGAAGCCAGGGGAACGGGAACGAGAAGACCTGGAATCCGCAGGGCAGAGAGAGATCGCGGA
 GGAGCCTAGAGGAGAGGGCGAGCCGGCCGAGCAGAGCGGAGACTTGGACGCGCACTGCGGTGGTGTGGAC
 GGGGAAGGAAAGAAACCGCTCAGACAGACAGTCCCCAGCCGAGGAGAGACAGATGGAAGGAACACCGG
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 GGACGAGCGGCAGACCATGCCCGGCCCTACACATTCCAGGTTTCTCTGGGAGTAGGCAGATTCTCTTC
 CCCAAAGTCAACCTGAGCCCGGTAAACCCCGCTAAGGACGCGAGCTTGGCCCCAGCGGCCAGGAACCGC
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 CACCGGAGCGCAGCTCTGCGGCCCGCGGTCAACTTGAGCCAGATCAAGGACACAGCATGTAAGTCCTC
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 CGAGCGCGGTGCGATTCCCAGGGAACGTGCGCAGGACGCCAGTCAACGCCAAGTTCTCCATCATGC
 CTGCTGGCAAAGTTTTTCGGACAGCGGCGCAGAGACCTCAGACAAAGCCTGGACGGGAGAGCGGAAG
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 AGCCAGGAGCCACCAGACACCACAGACGGATGCAATTTGCCAAAGACCTTCCATCTTCTCGTCCAG
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 AGCCACGTTCTCAAGCATGGCCATCCCTTCCCAGGAGAGAAAAGCCAGCCCTATCCCCCGGAAGGAC
 TCTGCTGAAAGCCATTCTAGCGTCACTATGTTGCTGTGGCCAGTCTGGTCTACCACCGGCCAGTGGCC
 AGACCCAGCTCCAGAGCAAGACAGGGCAGTAAGCAAAATGCCATCCATGCAGAAGCCGGCCCTGGCTCC
 CAAGCTGCCAGCCAGACCCACCTTTCATCCCCACTCTCAAACCTGAGCAGACCCCACTTAGTGGAGCTT
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 CACCCTACCATCACTGCCCGAGGAGTGAAGGGCAGAAGAGGGATGAGAAAGATGTGCCAGAAAAGAA
 GCCTGCTTCCCCACCTCTGCCAGCGGGCCAGCAAGAGAGACCTTCGTAATTCCTGAAACAGAGAAGCCC
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 GGATAACACTGGCACTCCAGAAACAGAAGGATTCGGGAGCAGCAAGCAACTCGGGAGGAGAGGAAGCA
 AGCCCGGAGGCAAGCAAGCAGAAAAGCTCTCAAAGAGACCGTCAAGTGTGAGCCTACAGCCTGGAAGC
 AGCCGGGCAAGCAAACTGCCCCGTGCACAAGCCTGCTGCTCCATCTGAAGAGAAAAAGCCAGAAAAGCG
 CCGTGTCCAGGCTGCAGCGCAGAGAGCAGCTAAAGAAGTCAAACACTCTCCCACGCTGTGACAGTGGAA
 GATCTCAGACTCTGCGCCCTCAGCAGCACTGGTAAAAGAGCTCACAAGCGGTTCTCCACCCAGAGCCT
 GCCCGGTGTCCACAGAACCTGCCTGGTGGCTTTGGCCAAACGAAAAGCCAAGGCTGGAGCGACTGTC
 CGCAGATTATAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001163793
- Insert Size:** 3867 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_001163793.1](#), [NP_001157265.1](#)

RefSeq Size: 6835 bp

RefSeq ORF: 3867 bp

Locus ID: 320827

UniProt ID: [Q5PR69](#)

Cytogenetics: 5

Gene Summary: Involved in epithelial cell integrity by acting on the dynamics of the actin cytoskeleton (PubMed:30361697). Positively regulates the actin polymerization, by inhibiting the interaction of actin-capping proteins with actin (By similarity).[UniProtKB/Swiss-Prot Function]