

Product datasheet for **MC200182**

G430002G23Rik (BC004660) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G430002G23Rik (BC004660) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	G430002G23Rik
Synonyms:	G430002G23Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004660
 GCTACTCTTGAGCTGACACCAGCTCGACGCGCCGCGACGGCCCCGAGACTCAGCCAGCCCACCAGGCGG
 ACCCCGGGCAAACCTCAGCCTAGGTCTAAACCTCAGACATATCTACACGGACGGGGCGGACAGATCCGGTG
 ACAAAGAAAAGAGCTCCAGAGACCATGGGGACCCTGGCTGAGCCAGCAGTGGTGGCAAGAGGGAGTCCC
 AAGCCTGAGAAGAGATCCGGCAGAGTTCCTCAGGCCATGACTTCAGTGTGGAAGCGCCTGCAGCGGGTTG
 GCAAGCGGGCCGCAAGTTCAGTTTGTGGCGTGTACCATGAACTGGTGTGGAGTGCACCAAGAAGTG
 GCAGCCTGACAAGCTGGTGGTGGTATGGACTCGGCGGAACCGAAGGATCTGCTCCAAGGCCACAGCTGG
 CAGCCTGGCATCCAGAACCATACCGTGGCACCCTGGTATGGATGGTTCCTGAGAACGTGGACATCTCGG
 TGACCTTGTACAGGGACCCTCATGTGGACCAGTATGAAACCAAAGAGTGGACTTTTATTATTGAAAATGA
 GTCCAAGGGACAGCGGAAGTACTGGCCACAGTTGATGTGAACCTAGCCCACCATGCAGGGCCTGTGCCT
 GCTCAGGTTCCACTTCGACTGCGGCTGAAGCCAAATCTGTGAAGGTGGTGCATGCCAACTGAGCCTCA
 CCCTTTCTGGGGTGTCTGCGAGAAGGCCGTGCCACGGATGATGACATGCAGAGTCTGGCCAGCCTCAT
 GAGTGTGAAGCCTAGTGACGTGGGAAACCTGGATGACTTTGCTGAGAGTGTGAGGAGGAAGCTAATGGC
 CCTGGGGCTCCTGAGGTCGGACTCGAGGCCCCAGTCAGATCTGTCTCGAGAGCTGAAGACACTCTGTG
 AAGAAGAAGATGAAGGCCACATACGGCCCCAGCAGGCAGCTGCCAGACCCTCTAGTGCTGAAGACACCAG
 CCCTGCCCCAGTGAGTGCCCTGCACCCCGGTAGGGCCTTCCGGGGCCAGGGGTGAGAACCAGCTGCT
 ATAACCGGGGGCCAGGTGGGGCCTGAAACCCAGAGCCCCGCCATCCCCACCAGAGACAAGGTCCACTG
 GGCAGCCAGGCCAGACCATGGTCCCCACCCAGCCCTCGGCTCCGAAAGGCTCTGATGCACCCTCGTC
 CCCAGTCCCCTGCAGTGGGGATGAGGTCCCAATACCTCAGAGGATCCTCCAACAGGAATGGGCTTTCT
 GGGGAGACCCAGGCTCAGATAAGCTCTCAGGAAGGGACAGAGGCCATGAAGCCAGGCCAGAACCAGACA
 TTGAGGCACCACCTACCTGGTCAGCTCCAGCCAGTCCCTGTTGGAGTGGTGCCAAGAGGTACCAACGG
 CTACCGTGGTGTCTGCATCACCAACTTACCACGTCCTGGCGCAATGGCCTGGCCTTCTGTGCTATTTTA
 CATCGATTTACCCAGACAAGATCGATTATTTTCCCTTCCCTCAACATCAAACAGAAACAACAAG
 AGGCTTTTGTGCTTCGCTGCCCTGGGTGTGTCTCGGCTGCTCGAGCCGGCGGACATGGTACTTCTGTC
 CGTACCTGACAAGCTCATCGTACGACGTACCTGTGCCAGATCCGTGCCTTCTGCACTGGCAGGAGCTG
 CAGCTGGTGAACCTGGAGGGCGGCGGTGGCTCTGGCACTTATCGTGTGGGCAACGCCAGCCGAGCCTGC
 CCGACTGTCTGGACGCAGGAGACCTGGCGCAGCGATTACGCGAGCATGGGGCTGAAGTGCCACAGAACC
 TAAGGAGGCTGTGAACCGCGGGACTGGGCAATACCAAAGGTGGCCTCCAGGGACACGGACTGAGCTGC
 TCCTCTAAGGATGGGAGGCAGAGGTTGCCAGGAAGCAATCCCTCAAGAGGGCCCCACCAGCGCCCTA
 GAGCCAGGTGTCACAACCCCGGTGGTCCCTGCAGAGGGGCTGGTGAACGGAGTGGGGCGTCAAGTGG
 TGTGAGACTGAGACGGTCTCTGTCAATGGGAGGCTGGGCCAGTACCTCCACCCGAGCAGCATGGCTCT
 TTCTCCCACGTGCGGGACGCCGATTTGCTAAGAAGAGGGCATCGAGGTTAAGGAATAGTAACTCTTTCT
 CTGTGGATGACCAGGACTCTGGAGCTGCAGTTGGAGCAGGGCCTGCAGGGCCTGGAGCTGTGGAAGGTCC
 AAACCCTGCCTCCAGCCCTGACGCTAACCCACTCCCAGCCCCAGTCCCACAGCAGCCGCCCGGTGGGCC
 CCTCCTACTGAGGAGTCAACCCAGCCTGGGGGAAGAGGCAGGCCTGCAACGGTTCAGGACACAAGTC
 AGTACGTGTGCGCAGAGCTGCAAGCCCTGGAGCAGGAACAGGGACAGATAGACGGGAGGGCCGCTGAGGT
 GGAGAAGCAGCTGAGGAGCCTCATGGAATCAGGTGCCAACAGGCTGCAGGAGGAGGTGCTGATTCAAGAA
 TGGTTCACCCTGGTCAACAAGAAGAATGCGCTCATCCGGAGGCAGGACCAGCTGCAGCTGCTCATCGAGG
 AGCAAGACTTGGAGCGGAGGTTTGAACCTGCTGAGCCGAGAGTTGCGGGCCATGCTGGCCATTGAAGAGTG
 GCAGAAAACAGTTGCGCAGCAGCACCGCGAGCAACTCCTGTTGGAGGAGCTGGTGTCTCTGGTGAACCCAG
 AGGGATGAACTGGTCCGGGACCTGGACCAGAAGGAACGGATCGCTCTGGAGGAAGATGAGCGCCTAGAAC
 GAGGCCTGGAGCAGAGACGTGCAAGGTGAGCCGGCAGCTGAGCAGGCGGGAACGCTGTACCCTGAGCTG
 AGTCTCCTGTCTGGTTTGTCCCTTTCTCTGGTCTGGACCGTCTTCCGCACTCCCCAGCCTGCACAGCA
 GAGGCCAGGTCCCATGCTCCTTACGCGAGCAGAAGCAAGACTGACCAGACTCTCGGGCTGGAGCAGTGA
 GCCTGCTAGTGTTATTTATCCGAGTGTATGTGAATGTTTTGGCGGTGGTGGCCAGGATCCCAGGCAAGG
 GATGGTGTGGGGACTGACACCCACATCCTCCTTCTTCTGGAGGGAGCAATAAAGTTGGAGTAGAACAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC004660
Insert Size: 2625 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:	<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:	BC004660 , AAH04660
RefSeq Size:	3183 bp
RefSeq ORF:	2625 bp
Locus ID:	114601
Cytogenetics:	19 A
Gene Summary:	May act as Rab effector protein and play a role in vesicle trafficking (By similarity). Involved in apical-directed transport in polarized epithelial cells; the functions seems to implicate Rab8, BIN1 and possibly DNM1 (PubMed:26833786).[UniProtKB/Swiss-Prot Function]