

Product datasheet for **MC206605**

2610016C23Rik (BC019132) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2610016C23Rik (BC019132) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2610016C23Rik
Synonyms:	2610016C23Rik; 4933412C16Rik; Dufd1; Fam54a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019132
 CCACGCGTCCGGAAGCGGCGAGCGATTCCGGGAAGAAGTTACTCTGCGGCTATAGGTCGCGTCCGGAGAG
 TTTCCCGGCCGCTGGCGCTGTGCAATGCCGCGGGATGGTACCAACGAACAGCGTTTTCTTGAACTTC
 TTCACCAATGTCTTTTATTCTAAATATATTAAGAAACGTGCTGGAATATTTTGGTGTCCCGTAGACCAG
 GATTTGCTGATTTGTCAAATAAAACTGTGGGTGAGCTCGGAGTATTGTTTCGTATTATTGGGAGAAGGC
 TTCTTTAAAACCTTTTCCAGAAGACCTCATTTTGTGAGTTGATCCCGCATGTGAACCTACGGAGTCTGATGA
 TTATGAACCTTAGGGTCCATCTTTTGTGACGTTTTATGTGTGGCAAATGAGGAAGAAGCCAGTTGTCTC
 AGATTTTCGACATAGTCTATGGCAAAAGAAGGAAGAAAGAAAAATTGCTCCTTTTTATCCTTCAAAACTAA
 CTTGGGATCCATCATCACCTGGTCTAAGACAGAACAAAACAGAGACAGACGATCTGCCTGTAATGAAGC
 TGCAATTAAGATAGCTGCCCTTGAAGATGAGCTGACTTTTTCTCCGGTCTCAGATTGCTGCGATTGTG
 GTAATGCAGGACCTGAGAGAGAGCAGAGACTGGTTTCATCGACTTGAGTGATGAACAAGTGTACCAT
 CATCAGCGACCTGGGCTGAGTGTGGAACCAGACCATGCTCCAAGTGTGGTGTCTCCTCCTCCTCCTC
 CCCACCTTCTCCTCAGTTTTCTCTGCAGCCTCCAAGTCTTTTCCCATGCAGCCTGGATCTGCCAAT
 ACCCATGACATAGATAGTCTGGCTACTGAAATGGAAGGCAGCTCTCAGGTGTTAAGAAGACCGATGACA
 GCCATCATTAAGAAAGCCAGAGACTTCGTGATGTCCCAAACATGTGGATGTTCTGAAGGACGTGAACAA
 GGTCAAACTTCGGCCTGTGGAAAGGTCACCAGGTGGCAGACCCGTTTCCAGAAGAGGAGAGACGGAGTTCA
 GAATGGGATCCAGTGTCTTAATATCTAATGCACTGAAGCAGAAGTTTGCATTTCAAGATGATTCCTTTG
 ACAGAGAAAAAGTTCCTGGGAGTGTCTCCGTTTTCTAGTCTGAAACTTCAAGGTTTTGACATCACAT
 TCTCCAACAGAAAGTTGATGACCTAAGGGAAGGACTGATAATATAAAGCAGTTATCCAGGCTATCAGAA
 GCAAAAGCTGTGCTCACACTTGGACAGACAGACCCAGATGTGCCATGTGGCATCCTTCACTGCCTGTCAG
 AGAATCACCTCCTCTGTTAGGGTGTCAAGCTGTACCCAGGACCCATTTCCACCCAGCCTGAGGAATGA
 GGAAGACACTTAAGAATACTGCTCCTGCTTTTGGAAAGATGTGGCATTAACTGGCTACTGAAGAGAGTTG
 GGGTATAGATTCCTGCTTTATGAGACTGCTACTGAAATGGAATACATGGTTTCACTGAGCTGCCTAAA
 ATTATGGCTTCTACTGAGGCTCCTTTTCACTGCTTTGAGTTGCTGTGATACAGTTTTGTTTGGCCTTCAGC
 AGCTTGTGGATTTTTAGTGAGCAGAAGATGATATTGTTTTTTAAGTTAGTCATAGTTGTGAAAACAC
 AGGAACACCTGAGAACTGAAGGAAAAAAGATAGTCACAATTTTAGTCATGTAGGGTTGAACTTTCT
 ACTGCAAGTAGAAGTAGACCTTGATAAGTTCCATCCACACTGGCTTTGCACACACAGATGGCTGGTTTG
 TTCCCTTTGTTCTATTATGTTTGTATCCCATATGTATGTGTGTGTGTATATATATATATATA
 TAAATGTAGATTTTATAATAAATGGATCTTTTGAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC019132

Insert Size: 1086 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: [BC019132](#), [AAH19132](#)
RefSeq Size: 1948 bp
RefSeq ORF: 1086 bp
Locus ID: 71804
Cytogenetics: 10 A3
Gene Summary: May play a role in mitochondrial aerobic respiration essentially in the testis. Can also promote mitochondrial fission.[UniProtKB/Swiss-Prot Function]