

Product datasheet for **MC218463**

2410091C18Rik (BC108350) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2410091C18Rik (BC108350) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2410091C18Rik
Synonyms:	2410091C18Rik; AL033374; PRO1853
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC108350 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATGCTTTGGTGAGACGCTGCGTGGCCGCGGGCCTTCCCTGTATTTGGAGAGGAAATGCTACA
GCTCCGGGAATGAGCCGCAGAAAGCAACCAGGTGACACCGATGCTGCGGCATCTTATGTACAAAATAAA
GTCTACAGGTCCCACACTGTGGCCGAGTACATGAAGGAGTTTTGACTAACCCAGCCAAGGGATATTAT
GTGCATCAGGATATGCTAGGAGAAAAAGGAGACTTTATTACTTCACCTGAAATAAGCCAAATCTTCGGGG
AGCTACTAGGGGTGTGGTTTGTAGTGAATGGATAGCCTCTGAAAAAGCCCAGCATTCCAGCTGGTGGA
ACTTGGCCCTGGTGGGGCACCCCTCACAGCAGATATTTTGGGGTGTTCAGTCAGCTTGGGTCTGTGCTA
AAAACCTGTGCCATCTCAATACACCTTGTAGAGGTGAGCCAGAAACTAAGTGAGATCCAAGCACTGACAC
TGGCTGAGGAGAAGTCCCATTTGGAGAGAGACGCTGAATCCCTGGTGTACATGAAAGGTGCACAAAATC
TGGGATCCAATCTCCTGGTACCGAGACCTGAAGGATGTTCTGAAGGATACAGCTTGTACCTCGCCCAT
GAGTTTTTGTGTTCTTCTGTGCATAAATTTAGAAAAACCCAGCGGATGGAGAGAAGTGTGTTGTTG
ATGTTGATCCACAAGCTTCTGATAAACTGAGGTTGCTTGGCGCCTTGTGCGACCCCTGCAGAAGCCTT
CATTCAACGTGATGAAAGGAGGGAACATGTGGAAGTATGTCCCGATGCTGGGGTTATCATCCAGGAATC
TCCAGCGCATTGCGTCAACTGGAGGTGACGCCCTGATTGCGGATTACGGTCACGATGGCACAAGACAG
ACACCTTGAGAGGGTTTTATGGACACCAGCTTACGATGTCTTAATCGCTCCTGGAACAGCAGACCTGAC
AGCTGATGTGGACTTCACTTACCTGCACAGAATGGCACAAGGAAAAGTAGCCTCTCTGGTCCAGTGGAA
CAGCGAACATTTTTAAAAACATGGGCATTGATGTCGGCTGAAGGATAGTGGTTTATCTCAGTAACACTA
AACCTCTAATTTCGGAAATTATTTAAATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	BC108350
Insert Size:	1152 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:	<u>BC108350</u> , <u>AAI08351</u>
RefSeq Size:	2640 bp
RefSeq ORF:	1151 bp
Locus ID:	73694
Cytogenetics:	17 E3
Gene Summary:	Arginine methyltransferase involved in the assembly or stability of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Acts by mediating symmetric dimethylation of 'Arg-118' of NDUF52 after it assembles into the complex I, stabilizing the early intermediate complex.[UniProtKB/Swiss-Prot Function]