

Product datasheet for **MC206545**

2900010M23Rik (BC030629) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2900010M23Rik (BC030629) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2900010M23Rik
Synonyms:	2900010M23Rik; Cbp6; M19; Mnf1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC030629 GGCAAGCGGGGCCAAGATGGCCGCTCTCCGCTACCGCGTTTCCTTAAGCTCTGTGAGGAATGGCCAGT GGACGAGACCAAACGGGCGGGACTTGGGCGCTTACCTGCGGCAGCGGTAGCGCAGGCCCTCCGGGAG GGAGAGAACACCCAGATTGCAGAACCCGAGGCCTGTGATCAGATGTACGAGAGCTTAGCACGACTGCATT CAAACACTACAAGCACAAAGTACCCTCGCCCCAGAGACACCAGCTTCAGTGGCCTGTCCGTGGAAGAGTA CAAGCTGATCCTGTCCACAGACACTTTGGAAGAGTTCCAAGAGATGAATAAGAGCATGTGGAAGAACTG CAGGAGAAGTTTGCGCCACCAGGCCCGAGGAGAAGCACAAAGCCTGGACTCGGGTCTGTCCCGCCAC GGACCTGACCGTGGGTCTGATACTCATCAATAAACTGCCTGGTTTCTCCACAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	EcoRI-NotI
ACCN:	BC030629
Insert Size:	411 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).



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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: [BC030629](#), [AAH30629](#)

RefSeq Size: 512 bp

RefSeq ORF: 411 bp

Locus ID: 67267

Cytogenetics: 17 A3.3

Gene Summary: Required for the assembly of the ubiquinol-cytochrome c reductase complex (mitochondrial respiratory chain complex III or cytochrome b-c1 complex). Plays a role in the modulation of respiratory chain activities such as oxygen consumption and ATP production and via its modulation of the respiratory chain activity can regulate skeletal muscle differentiation and insulin secretion by pancreatic beta-cells. Involved in cytochrome b translation and/or stability.[UniProtKB/Swiss-Prot Function]