

Product datasheet for MC218359

2310004L02Rik (BC024867) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: 2310004L02Rik (BC024867) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: 2310004L02Rik
 Synonyms: 2310004L02Rik; C030044E10Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC024867
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTGAGTTGGTGACCCGGACAGCAGTCGGGAGAAGAAAAGAACGCTGTTGCAGTTCCTCTCAGATC
 ATTTCCAGGACATCCAGACTCTGAGAGAGTACTTGCTCCAGAAACAGATCTCAAAGTCAACAGGGAGAA
 TCGATCCTTCACTAACATCCAGGAGAAAATATGGCCCGTATGTTGCAGGTGCTGTCTTCATCCTGAAGCAG
 GGAGGCGCAGTGAAGTTTCAGGACAAGGAGGAATGGATCCGGCCAAATAACCGTAGCCATTTCTCGCCG
 AGATTCAGAAGTTCAGAATGTGCCTGTGGAGGCTGTGGATGCCAGTGGCTGTGCCATCAACTACGAGG
 CCTGAGTAACCTCTTGCCCTGAAGGAGCTGCGGTCCCTGTCCCTGCAGCGCTGCCCAACCTGGAGCAG
 TGGTGCCTCAGCCGCCTTACCTATTGGCTGGCTCACTGCAGGAGCTCTCGCTGGCTGGCTGCCCCAGAA
 TCTCAGAACGGGGCCTTGCCCTGCCTCCACCACCTCCAGAACCTCCGCAGGCTGGACATCTCAGACCTCCC
 TGCCGTGTCCCACCCAGGTCTCACTCAGATCCTGGTGAAGAGATGTTGCCCACTGTGAGGTCTTGA
 GCTGACTGGGCCCAGAATCTCAAGCTGGAACCAGACAAGCAGCCTCCAGACACATCTACCCCCCTCTCTT
 CCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC024867
 Insert Size: 705 bp



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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:	BC024867 , AAH24867
RefSeq Size:	1436 bp
RefSeq ORF:	704 bp
Locus ID:	66349
Cytogenetics:	7 A3
Gene Summary:	Required for the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Involved in the assembly of the distal region of complex I.[UniProtKB/Swiss-Prot Function]