

Product datasheet for MC200635

Mpc2 (NM_027430) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpc2 (NM_027430) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpc2
Synonyms:	0610006C01Rik; 2010002I07Rik; 2610205H19Rik; AA108335; Brp44; ESTM43
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC018324 sequence for NM_027430 GGCGCTCCCACCCTGCTGCTGTCGATCCCTAGGCCGCCGCGATGGCAGCTGCCGGCGCCCGAGGCCCTGCGG GGCCACCTACCACCGACTCATGGATAAAGTGGAGTTGTTGCTGCCAAAGAAATTGAGGCCGCTTTACAAC CACCCGGCAGGCCCCAGAACAGTTTTTTCTGGGCTCCAATAATGAAATGGGGATTGGTGTGTGCTGGAC TAGCGGACATGGCCAGACCTGCAGAGAACTCAGCACAGCTCAGTCCACTGTGCTGATGGCTACAGGGTT TATTTGGTCAAGATATTCACCTTGTAAATTATACCAAAAAATTGGAGTTTGTTCGCTGTAAATTTCTTTGTG GGGTCAGCAGGAGCCTCTCAGCTGTTTCGGATTGGAGATATAACCAAGAACTCAAATCTAAAGGGATCC AGTAAGAGAGTTCTGATCACCTGAACATTCTAGATGTGGACAGAAACATTGGAACCTAGTGTATTTGCT TACCGATAAGGTGATGCTAAATTCTGATAACATTCGAAAAGAAGGAAAGCAAAATCTAACTGTACTTAA AGCTAGCACTTGACTTCACAAAAATAAGCAAACCTTTTAGTACCAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_027430
Insert Size:	384 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC018324](#), [AAH18324](#)

RefSeq Size: 620 bp

RefSeq ORF: 384 bp

Locus ID: 70456

UniProt ID: [Q9D023](#)

Cytogenetics: 1 H2.2

Gene Summary: Mediates the uptake of pyruvate into mitochondria.[UniProtKB/Swiss-Prot Function]