

Product datasheet for **MC213083**

Mkl2 (NM_181860) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mkl2 (NM_181860) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mkl2
Synonyms:	ENSMUSG00000075401; Gt4-1; mKIAA1243; MRTF-B; Mrtfb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213083 representing NM_181860 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCACACAGGAGCCATAGACACAGAGGAAGAGCTGGGGCCTCTAGCCCATCTTGCACCAAGTCCTC
AAAGTGAGTCTGTGGCTCACGAATTCAGGAAGTGTCTCTACAGTCCAGCCAGCACTTACCCACTCTGAA
CGAACGGAAAAATGGAAGTATAGTCTTTGGGGAGTCAGGACTGCAGCTTCCTCTGCCGGCTCAGTCTGTG
AGCACAGGACATAATAAGAAAAGCAAGAAGCCTCATTTGCCACTAGTCTTGGGTTCTGCAGGCTGCATT
TAGAACCTGCCAGGTGTTGGATGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_181860
Insert Size:	309 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: [NM_181860.1](#), [NP_862908.1](#)

RefSeq Size: 717 bp

RefSeq ORF: 309 bp

Locus ID: 239719

Cytogenetics: 16 A1

Gene Summary: Acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal myogenic differentiation.[UniProtKB/Swiss-Prot Function]