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Product datasheet for MC202346

Mbnl3 (NM_134163) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mbnl3 (NM_134163) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mbnl3
Synonyms:	A530038J18Rik; AI661274; CHCR; E430034C16Rik; MBLX; MBLX39; MBXL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC057157 sequence for NM_134163
CTGAAGGATCACGTAACTCAGAAAATCTAAAACACATTATGTGTCCAAATCAGTTCTTCTGAGTTACGCG
GACGCGTGGGTTTCACGACGCAAGTGCGTCCTACAGGAAGAAAGTGCCCCCAGTCGGAGCGCGAGCAGGA
GCGCGACTTTTTGGCGCTCTTTGCGAGCGAGCCGCAAGGAGGCGGAAGACGGTCCCGGGCCGGGGCGCGG
GAATCGGGGCAGCGAGCGCCGCACGGGGGAGTTCCTGCGCGTGGCGTCCTCGCAGCGAGACGCCGCTGGA
GTCGCTCACTCGGAGAGATTCCTTGAACCATCTGCAGTCATAATATTCTCTGAAGAGGGTGCACTTGATT
GCCAATTTGCTCTCAGTATGACACCTGTCAATGTAGCTCTAATCCGTGATACCAAGTGGCTGACTTTAGA
AGTCTGTAGAGAATTTCAGAGAGGAACTTGCTCTCGAGCTGATGCAGAGTGCAGGTTTGCCCATCCGCCA
AGAGTTTGCCATGTGGAAAATGGCCGAGTGGTGGCCTGTTTTGATTCACTAAAGGGTCGGTGCACTCGTG
AGAACTGCAAGTACCTCCACCCTCCACCGCACTTAAAGTCGCAGCTAGAAGTTAATGGGAGAAACAATCT
GATTCAACAGAAGACTGCCGCAGCCATGTTCGCCCAGCACATGCAACTCATGCTGCAGAACGCTCAGATG
TCATCTCTTGCGTCTTTTCCTATGAATCCATCACTTGCAGCTAATCCTGCCATGGCTTTCAATCCTTACA
TGACTCATCCTGGCATGGGCCTGGTTCCTGCTGAGCTTTTACCAAATGGTCCGGTTCTGATTTCTGGAAA
CCCTCCTCTTGCACTGCCAGGAGTTCCTGGTCCAAAGCCAATTCGTACAGATAGACTGGAGGTTTGCCGT
GAATTTCAGCGTGGAAATTGTACCCGTGGGGAGAGCGAGTGCCGCTATGCTCACCCTACGGATGTTTCCA
TGATTGAAGTCACTGATAATTCTGTGACAATCTGCATGGATTACATTAAAGGCCGATGCTCCCGGGAGAA
ATGCAAGTACTTTCATCCTCCTCCCCACTTGCAGGCCAAACTCAGGGCAGCTCATCACCAGATGAACCAT
TCTGCTGCCAATGCAATGGCCCTGCCGCATGGTGCACTTCAACTGATACCAAAGAGGTCAGCCCTTGACA
AGGCCAATGGTGCCACTCCAGTCTTTAACCCCAGTGTTTTCCACTGCCAACAGGCTCTGGCTAACATGCA
GATTCCTCAGCAGGCTTTTATCCCAACAGTGCCCATGATGCACGGTGCTACACCTTCCACTGTGTCTACA
GCAACACCACCTGCCAGCAACGTTCCCTACGTTCCAACAACTACAGGCAACCAGTTGAAATATTGAGCAG
CAGAGTTACAGAGTATCAGAATCTCTCAACAAGAAACTCCGTGTGGCCTTTCTATATGTATTCTCGTATG
TCTTCTTGTACCAACACGACAATAAGCATGGTGCAGTCAATATACTAAAGCGCATATACCTGTTGACAAA
TTCAAATTTTAAAAATCTGTGGAGATGTTAAAGCAAATAGAAAATTAACCAGTATGTGTTACCTTATACG
GATTCATTGTATATGAATTAGCATACAATATACAACCATACAGGTTTGTCATGTATATGAATTATCAGAT
CCATATTACATGAATTTTCCATATGATATGAATTACCATATTGAATATAACTGTAAAATGTTGTGACTGC
TTTCCAGTAATGGTTTATAATAAATGAACTTCCACAGTGTACTGTAGGCTTACTGTATACTCTTGGTGGA
TAAATTCTGTTTTGGAAGTGTTACCTTACTGTTTTGTTTACAAGATAGTCTATAGGATTGATGTAGAATG
TAACTGATATTTCCCACACCATTTTCCTCCATTGGTATATTGTATTAAATTGGGTTCTGCTTAAAAAAAA AAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134163

Insert Size: 1029 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:
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:	BC057157, AAH57157
RefSeq Size:	1967 bp
RefSeq ORF:	1029 bp
Locus ID:	171170
UniProt ID:	Q8R003
Cytogenetics:	X A5
Gene Summary:	Mediates pre-mRNA alternative splicing regulation. Acts either as activator or repressor of splicing on specific pre-mRNA targets. Inhibits cardiac troponin-T (TNNT2) pre-mRNA exon inclusion but induces insulin receptor (IR) pre-mRNA exon inclusion in muscle. Antagonizes the alternative splicing activity pattern of CELF proteins (By similarity). Could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.