

Product datasheet for **SC305968**

MBNL3 (NM_133486) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MBNL3 (NM_133486) Human Untagged Clone
Tag:	Tag Free
Symbol:	MBNL3
Synonyms:	CHCR; MBLX; MBLX39; MBXL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305968 representing NM_133486. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACGGCTGTCAATGTTGCCCTGATTCGTGATACCAAGTGGCTGACTTTAGAAGTCTGTAGAGAATTT
CAGAGAGGAACCTGCTCTCGAGCTGATGCAGATTGCAAGTTTGCCCATCCACCAAGAGTTTGCCATGTG
GAAAATGGTCGTGTGGTGGCCTGTTTTGATTCTCTAAAGGGTCGGTGTACCCGAGAGAAGTCAAGTAC
CTTCACCTCCTCCACACTTAAAAACGCAGCTGGAGATTAATGGGCGGAACAATCTGATTCAACAGAAG
ACTGCCGAGCCATGTTGCCAGCAGATGCAGCTTATGCTCCAAAACGCTCAAATGTCATCACTGGT
TCTTTTCTATGACTCCATCAATTCAGCTAATCCTCCCATGGCTTTCAATCCTTACATACCACATCCT
GGGATGGCCCTCGTTCTGCAGAACTTGTACCAATACACCTGTTCTGATTCTGGAAACCCACCTCTT
GCAATGCCAGGAGCTGTTGGCCAAAACCTGATGCGTTCAGATAAACTGGAGGTTTGCCGAGAATTTAG
CGTGAAATTTGTACCCGTGGGAGAAATGATTGCCGCTATGCTCACCCTACTGATGCTTCCATGATTGAA
GCGAGTGATAACTGTGACAACTGATGATTACATCAAAGGTCGATGCTCGCGGGAGAAATGCAAG
TACTTTTCTCCTCCTGCACACTTGAAGCCAGACTCAAGGCGACTCATCATCAGATGAACCATTCAGCT
GCCTCTGCCATGGCTCTGACTAACCTGCAGCTCCACAGCCGGCATTATCCCTGCAGGGCCAATACTG
TGCATGGCACCCGCTTCAAATATTGTGCCATGATGCACGGTGTACACCTACCCTGTGTCTGCAGCA
ACAACACTGCCACCAGCTTCCGTTCCGCTGCACCAACTACAGGCAATCAGATACCCCAATTATCAATA
GATGAACTGAATAGCAGCATGTTTGTTCACAGATGAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_133486
Insert Size:	1005 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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:	NM_133486.1
RefSeq Size:	11471 bp
RefSeq ORF:	1005 bp
Locus ID:	55796
UniProt ID:	Q9NUK0
Cytogenetics:	Xq26.2
MW:	36.4 kDa
Gene Summary:	<p>This gene encodes a member of the muscleblind-like family of proteins. The encoded protein may function in regulation of alternative splicing and may play a role in the pathophysiology of myotonic dystrophy. Alternatively spliced transcript variants have been described. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2, also known as variant R) uses an alternate in-frame splice site and contains an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. This results in a shorter protein (isoform 2, also known as isoform R), compared to 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.</p>