

## Product datasheet for **SC126011**

### **MBNL3 (BC042090) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MBNL3 (BC042090) Human Untagged Clone
Tag:	Tag Free
Symbol:	MBNL3
Synonyms:	CHCR; FLJ11316; MBLX; MBLX39; MBXL; muscleblind-like 3; muscleblind-like 3 (Drosophila); OTTHUMP00000024038; OTTHUMP00000024039; OTTHUMP00000062493
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for BC042090 edited  
 GCCCGCACTCCGAGCGTGAGCCGACGCGCGACTTTTTGGCGCTCTTTGGGAGCAGTGAGA  
 GAGAGGCGGAGGCCAGACAGTCCGGGTGGGCGCGGGAGCCGGGGCGGCCCTTGGCCGCA  
 TTCCCGCCCGTCCCGCAGCGCGCGGGAGCCAGTGGCTGACTTTAGAAGTCTGTAGAGA  
 ATTTGAGAGGAACTTGCTCTCGAGCTGATGCAGATTGCAAGTTGCCCATCCACCAAG  
 AGTTTGCCATGTGAAAAATGGTCGTGTGGTGGCCTGTTTTGATTCTCTAAAGGTCGGT  
 TACCCGAGAGAACTGCAAGTACCTTACCCTCCTCCACACTTAAAAACGCAGCTGGAGAT  
 TAATGGGCGGAACAATCTGATTCAACAGAAGACTGCCGCAGCCATGTTCCGCCAGCAGAT  
 GCAGCTTATGCTCCTCAAAACGCTCAAATGTCATCACTTGGTTCTTTTCTATGACTCCATC  
 AATTCCAGCTAATCCTCCATGGCTTTCAATCCTTACATACCACATCCTGGGATGGGCT  
 CGTTCTCGAGAATTGTACAAATACACCTGTTCTGATTCTGGAAACCCACCTCTTGC  
 AATGCCAGGAGCTGTTGGCCAAAACCTGATGCGTTCAGATAAACTGGAGGTTTGGCAGGA  
 ATTTGAGCGTGGAAATTGTACCCGTGGGAGAATGATTGCCGCTATGCTCACCTACTGA  
 TGCTTCCATGATTGAAGCGAGTGATAACTGTGACAATCTGCATGGATTACATCAAAGG  
 TCGATGCTCGCGGAGAAATGCAAGTACTTTCATCCTCCTGCACACTTGAAGCCAGACT  
 CAAGGCAGCTCATCATCAGATGAACCATTAGCTGCCTCTGCCATGGCCCTGCAGCCTGG  
 TACACTGCAACTGATACCAAAGAGATCAGCACTGGAAAAGCCCAATGGTGCCACCCCGGT  
 CTTAATCCCCTGTTTTCCACTGCCAACAGGCTCTGACTAACCTGCAGCTCCCACAGCC  
 GGCATTTATCCCTGCAGGGCCAATACTGTGCATGGCACCCGCTTCAAATATTGTGCCAT  
 GATGCACGGTGTACACCTACCCTGTGTCTGCAGCAACAACCTGCCACCAGCGTTCC  
 GTTCGCTGCACCAACTACAGGCAATCAGCTGAAATCTGAACAGCAGAGTTATGGAGTAT  
 CAGAATCTTCCATGGAAACCTCCATATGGCCTTCTATATATATTCTCGTATGTCTTAT  
 TCTACCAACACAACAATAAGCGTGTGCAAGTCAATGATTAAGCAAAGCAAACCTGCCAG  
 CCAGCAAATTCAAATAAAAAATAAAGCATTAAAAATCAATGGAGATGTTAAAAACAACACA  
 AATAGAAAAGTAGTAACCTACCATCCATCCTATTTGAATTATCAAGCAGAACATGACCATA  
 AAATTTGGTAACCTGTTACACTCTTTGTGATTTTCTAATAACCATGCTAAGTGTATT  
 TCCACAGTGAGCTTTGGCTTACTATATACATTCTTGGTGATAAATTGTTTCTGTTT  
 TTGAAGTGTACCTTACTATTTGTTTACAAGATAGTCTATTGGGTTGATTGAGGATGTA  
 ACAAATATATTCAGTACCATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA  
 AAAAAAAAAAAAA

**Restriction Sites:** NotI-NotI

**ACCN:** BC042090

**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.

RefSeq: [BC042090.1](#), [AAH42090.1](#)

RefSeq Size: 1752 bp

Locus ID: 55796

Cytogenetics: Xq26.2

**Gene Summary:** 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]