

Product datasheet for **RC229854**

MBNL3 (NM_001170701) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MBNL3 (NM_001170701) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MBNL3
Synonyms: CHCR; MBLX; MBLX39; MBXL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC229854 representing NM_001170701
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAGGGCTTCTAAGAATCTTAAGGGTCGGTGTACCCGAGAGAACTGCAAGTACCTCACCTCCTC
 CACTTAAAAACGCAGCTGGAGATTAATGGGCGGAACAATCTGATTCAACAGAAGACTGCCGAGCCAT
 GTTCGCCAGCAGATGCAGCTTATGCTCCAAAACGCTCAAATGTCATCACTTGGTTCTTTTCCTATGACT
 CCATCAATTCAGCTAATCCTCCATGGCTTTCAATCCTTACATACCACATCCTGGGATGGGCTCGTTC
 CTGCAGAACTTGACAAATACACCTGTTCTGATTCTGAAACCCACCTCTTGCAATGCCAGGAGCTGT
 TGGCCAAAACGATGCGTTTTCAGATAAACTGGAGGTTTGGCGAGAATTCAGCGTGGAAATGTACCCGT
 GGGGAGAATGATTGCCGCTATGCTCACCTACTGATGCTTCCATGATTGAAGCGAGTGATAACTGTGA
 CAATCTGCATGGATTACATCAAAGGTCGATGCTCGCGGGAGAAATGCAAGTACTTTCATCCTCCTGCACA
 CTTGCAAGCCAGACTCAAGGCAGCTCATCATCAGATGAACCATTAGCTGCCTCTGCCATGGCCCTGCAG
 CCTGGTACACTGCAACTGATACCAAGAGATCAGCACTGGAAAAGCCCAATGGTGCCACCCCGGTCTTTA
 ATCCCACTGTTTTCCACTGCCAACAGGCTCTGACTAACCTGCAGCTCCCACAGCCGGCATTATCCCTGC
 AGGGCCAATACTGTGCATGGCACCCGCTTCAAATATTGTGCCATGATGCACGGTGCTACACCTACCACT
 GTGTCTGCAGCAACAACCTGCCACCAGCGTTCCGTTTCGCTGCACCAACTACAGGCAATCAGTGAAAT
 TC

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_001170701.2](#)

RefSeq ORF: 777 bp

Locus ID: 55796

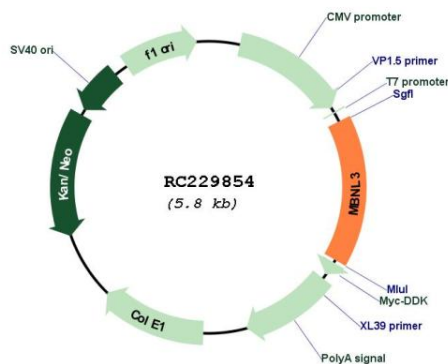
UniProt ID: [Q9NUK0](#)

Cytogenetics: Xq26.2

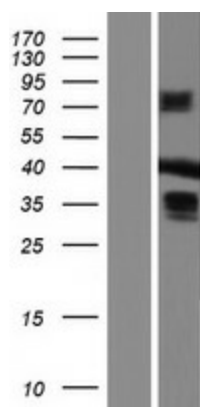
MW: 33.4 kDa

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]

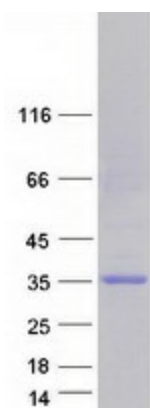
Product images:



Circular map for RC229854



Western blot validation of overexpression lysate (Cat# [LY432854]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC229854 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified MBNL3 protein (Cat# [TP329854]). The protein was produced from HEK293T cells transfected with MBNL3 cDNA clone (Cat# RC229854) using MegaTran 2.0 (Cat# [TT210002]).