

## Product datasheet for **TP319730L**

### **MBNL2 (NM\_207304) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human muscleblind-like 2 (Drosophila) (MBNL2), transcript variant 3, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC219730 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MALNVAPVRDTKWLTLEVCRQFQRGTCRSRDEECKFAHPPKSCQVENGRVIACFDSLKGRCsRENCKYLH  PPTHlKTQLEINGRNNLIQQKTAAMLAQQMQFMFGTPLHPVPTFPVGPAlGTNTAISFAPYLAPVTPG  VGLVPTEILPTTPVIVPGSPPTVPGSTATQKLLRTDKLEVCREFRGNcARGETDCRFAHPADSTMIDT  SDNTVTVCMDYIKGRcMREKCKYFHPPAHLQAKIKAAQHqANQAavaaQAAAAAATVMAFPPGALHPL  PK  RQALEKSNGTSAVFNPsvLHYQQALtsAQLQQHAaFIPTDNSEIISrNGMEcQESALRITKHcYCTYYPV  SSSIELPQTAC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	39.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: NP\_997187

Locus ID: 10150

UniProt ID: Q5VZF2

RefSeq Size: 4624

Cytogenetics: 13q32.1

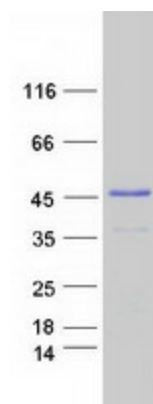
RefSeq ORF: 1083

Synonyms: MBLL; MBLL39; PRO2032

**Summary:** This gene is a member of the muscleblind protein family which was initially described in *Drosophila melanogaster*. This gene encodes a C3H-type zinc finger protein that modulates alternative splicing of pre-mRNAs. Muscleblind proteins bind specifically to expanded dsCUG RNA but not to normal size CUG repeats and may thereby play a role in the pathophysiology of myotonic dystrophy. Several alternatively spliced transcript variants have been described but the full-length nature of only some have been determined. [provided by RefSeq, Mar 2012]

**Protein Families:** Transcription Factors

## Product images:



Coomassie blue staining of purified MBNL2 protein (Cat# [TP319730]). The protein was produced from HEK293T cells transfected with MBNL2 cDNA clone (Cat# [RC219730]) using MegaTran 2.0 (Cat# [TT210002]).