

Product datasheet for TP319730

MBNL2 (NM_207304) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human muscleblind-like 2 (Drosophila) (MBNL2), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219730 protein sequence Red =Cloning site Green =Tags(s)

MALNVAPVRDTKWLTLEVCRQFQRGTCRSRDEECKFAHPPKSCQVENGRVIACFDSLKGRCSRENCKYLH
PPTHLLKTQLEINGRNNLIQQKTAAMLAQQMQFMFGTPLHPVPTFPVGPVPAIGTNTAISFAPYLAPVTPG
VGLVPTEILPTTPVIVPGSPVTVPGSTATQKLLRTDKLEVCREFRGNCARGETDCRFAHPADSTMIDT
SDNTVTVCMDYIKGRCMREKCKYFHPPAHLQAKIKAAQHQAQAQAAVAAQAAAAAATVMAFPPGALHPL
PK
RQALEKSNGTSAVFNPVSVLHYQQALTSALQQAHAFFIPTDNSEIISRNGMECQESALRITKHICYCTYYPV
SSSIELPQTAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	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

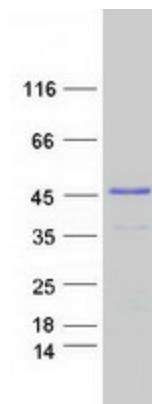
RefSeq ORF: 1083

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]).