

Product datasheet for PH319730

MBNL2 (NM_207304) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MBNL2 MS Standard C13 and N15-labeled recombinant protein (NP_997187)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219730
Predicted MW:	39.4 kDa
Protein Sequence:	>RC219730 protein sequence Red =Cloning site Green =Tags(s)

MALNVAPVRDTKWLTLEVCQRQFQRGTCSRSDDECKFAHPPKSCQVENGRVIACFDSLKGRCSTRECKYLH
 PPTHLKTQLEINGRNLIQQKTAAMLAQQMQFMFPGTLPHPVPTFPVGPAGTNTAISFAPYLAPVTPG
 VGLVPTEILPTTPVIVPGSPVTPVGSTATQKLLRTDKLEVCREQFQRCARGETDCRFAPADSTMIDT
 SDNTVTVCMDYIKGRCMREKCKYFHPPAHLQAKIKAAQHQAQAQAAAAATVMAFPFGALHPLPK
 RQALEKSNGTSAVFNPSVLHYQQAL TSAQLQQHAAFIPTDNSEIISRNGMECQESALRITKHCYCTYYPV
 SSSIELPQTAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_997187</u>
RefSeq Size:	4624
RefSeq ORF:	1083
Synonyms:	MBLL; MBLL39; PRO2032
Locus ID:	10150


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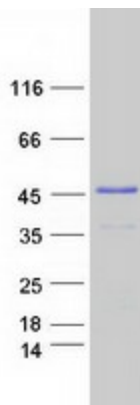
UniProt ID: Q5VZF2, A2A3S3

Cytogenetics: 13q32.1

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]).