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Datasheet for ABIN2725580 MBNL1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Overview

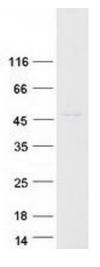
Image

Overview	
Quantity:	20 µg
Target:	MBNL1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBNL1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human MBNL1 (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	MBNL1
Alternative Name:	Mbnl1 (MBNL1 Products)
Background:	This gene encodes a member of the muscleblind protein family which was initially described in
	Drosophila melanogaster. The encoded protein is 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

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Target Details

	myotonic dystrophy. Mice lacking this gene exhibited muscle abnormalities and cataracts. Several alternatively spliced transcript variants have been described but the full-length natures of only some have been determined. The different isoforms are thought to have different binding specificities and/or splicing activities.
Molecular Weight:	40.8 kDa
NCBI Accession:	NP_066368
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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