

Datasheet for ABIN7549201

## MBNL3 Protein (AA 1-354) (His tag)



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### Overview

Quantity:	1 mg
Target:	MBNL3
Protein Characteristics:	AA 1-354
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBNL3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat MBNL3 Protein expressed in mammalian cells.
Sequence:	<p>MTAVNVALIR DTKWLTLEVC REFQRGTC SR ADADCKFAHP PRVCHVENGR VVACFDSLKG            RCTRENCKYL HPPPHLKTQL EINGRNLIQ QKTAAMFAQ QMQLMLQNAQ MSSLGSFPMT            PSIPANPPMA FNPYIPHPGM GLVPAELVPN TPVLIPGNPP LAMPGAVGPK LMRSDKLEVC            REFQRGNCTR GENDCRYAHP TDASMIEASD NVTICMDYI KGRCSREKCK YFHPPAHLQA            RLKAAHHQMN HSAASAMALQ PGTQLQIPKR SALEKPNGAT PVFNPTVFHC QQALTNLQLP            QPAFIPAGPI LCMAPASNIV PMMHGATPTT VSAATTPATS VPFAAPTTGN QLKF <b>Sequence</b>  <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b>  <b>system, a different complexity of the protein could make another tag necessary. In case you</b>  <b>have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	MBNL3
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Alternative Name:	MBNL3 ( <a href="#">MBNL3 Products</a> )
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Background:	Muscleblind-like protein 3 (Cys3His CCG1-required protein) (Muscleblind-like X-linked protein) (Protein HCHCR),FUNCTION: Mediates pre-mRNA alternative splicing regulation. Acts either as activator or repressor of splicing on specific pre-mRNA targets. Inhibits cardiac troponin-T (TNNT2) pre-mRNA exon inclusion but induces insulin receptor (IR) pre-mRNA exon inclusion in muscle. Antagonizes the alternative splicing activity pattern of CELF proteins. May play a role in myotonic dystrophy pathophysiology (DM). Could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction. {ECO:0000269 PubMed:12297108, ECO:0000269 PubMed:15257297}.
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Molecular Weight:	38.5 kDa
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UniProt:	<a href="#">Q9NUK0</a>
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Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>
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## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months