

Product datasheet

Recombinant Human MBNL3 protein ab163228

1 Image

Overview

Product name	Recombinant Human MBNL3 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Species	Human
Sequence	SSLGSFPMTPSIPANPPMAFNPIPHPGMGLVPAELVPNTPVLIPGNPPL AMPGAVGPKLMR
Amino acids	112 to 173
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab163228** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

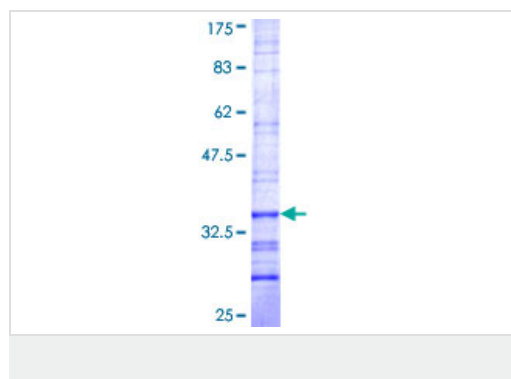
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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.
Tissue specificity	Highly expressed in the placenta.
Sequence similarities	Belongs to the muscleblind family. Contains 4 C3H1-type zinc fingers.
Cellular localization	Nucleus. Cytoplasm. Greater concentration in the nucleus. In both DM1 and DM2 patients, colocalizes with nuclear foci of retained expanded-repeat transcripts.

Images



ab163228 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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