

Recombinant Mouse Mbnl3 Protein, Myc/DDK-tagged

Cat. No. Mbnl3-3983M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length muscleblind like splicing factor 3 (Mbnl3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction.
Molecular Mass	37.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mbnl3 muscleblind like splicing factor 3 [Mus musculus (house mouse)]

Official Symbol Mbnl3

Synonyms MBNL3; muscleblind-like 3 (Drosophila); muscleblind-like protein 3; cys3His CCG1-required protein; muscleblind-like X-linked protein; CHCR; MBLX; MBXL; MBLX39; AI661274; A530038J18Rik; E430034C16Rik

Gene ID 171170

mRNA Refseq NM_134163

Protein Refseq NP_598924

UniProt ID Q8R003

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA