

Recombinant Human MBNL1

Cat. No. MBNL1-30258TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Muscleblind-like 1 according to AAH50535, with N-terminal proprietary tag. Mol Wt 63.84 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
Protein Length	343 amino acids
Description	Muscleblind-like (Drosophila), also known as MBNL1, is a protein that in humans is encoded by the MBNL1 gene. It has been implicated in Myotonic dystrophy and has been shown to autoregulate its transcript.
Molecular Weight	63.840kDa inclusive of tags
Tissue specificity	Highly expressed in cardiac, skeletal muscle and during myoblast differentiation. Weakly expressed in other tissues (at protein level). Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	<p>MGRCSRENCKYLHPPPHLKTQLEINGRNLIQQKNMAMLA QQMQLANAMMPGAP LQPVPMFSVAPSLATNASAAAFNPYL GPVSPSLVPAEILPTAPMLVTGNPGVPVPA AAAAAQKLM RTDRLEVCREYQRGNCNRGENDCRFAHPADSTMIDTNDNT VTVCM DYIKGRCSREKCKYFHPPAHLQAKIKAAQYQVNQA AAAQAAATAAAMTQSAVKSLK RPLEATFDLGIPQAVLPPL PKRPALEKTNGATAVFNTGIFQYQQALANMQLQQHTAF LP PGSILCMTPATSVVPMVHGATPATVSAATTSATSVPFAAT ATANQIPIISAEHLTS HKYVTQM</p>
Sequence Similarities	Belongs to the muscleblind family. Contains 4 C3H1-type zinc fingers.
GENE INFORMATION	
Gene Name	MBNL1 muscleblind-like (Drosophila) [Homo sapiens]
Official Symbol	MBNL1
Synonyms	MBNL1; muscleblind-like (Drosophila); MBNL, muscleblind (Drosophila) like; muscleblind-like protein 1; EXP; EXP35; EXP40; EXP42; KIAA0428;
Gene ID	4154
mRNA Refseq	NM_207294
Protein Refseq	NP_997177
MIM	606516

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Uniprot ID	Q9NR56
Chromosome Location	3q25
Pathway	Adipogenesis, organism-specific biosystem;
Function	RNA binding; double-stranded RNA binding; metal ion binding; nucleic acid binding; protein binding;

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