

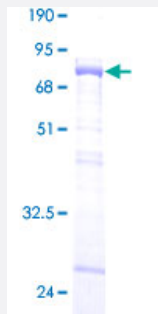
Full-Length

MBNL1 (Human) Recombinant Protein (P02)

Catalog # H00004154-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MBNL1 full-length ORF (AAH43493, 1 a.a. - 382 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVSVTPIRDTKWLTLEVCREFQRGTCSRPDTECKFAHPSKSCQVENGRVIACFDSLKGRCRE
NCKYLHPPPHLKTQLEINGRNNLIQQKNMAMLAQQMQLANAMMPGAPLQPVPMFVAPSLATNA
SAAAFNPYLGPVSPSLVPAEILPTAPMLVTGNPGVPVAAAAAAAAQKLIRTDRLLEVCREYQRGNC
NRGENDCRFAHPADSTMIDTNDNTVTCMDYKGRCSREKCKYFHPPAHLQAKIKAAQYQVNQAA
AAQAAATAAAMGIPQAVLPPLPKRPALEKTNGATAVFNTGIFQYQQALANMQLQQHTAFLPPGSIL
CMTPATSVVPMVHGATPATVSAATTSATSVPFAATATANQIPIIISAEHLTSHKYVTQM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.76

Interspecies Antigen Sequence

Mouse (99); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MBNL1

Entrez GeneID[4154](#)**GeneBank Accession#**[BC043493](#)**Protein Accession#**[AAH43493](#)**Gene Name**

MBNL1

Gene Alias

DKFZp686P06174, EXP, EXP35, EXP40, EXP42, KIAA0428, MBNL

Gene Description

muscleblind-like (Drosophila)

Omim ID[606516](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

muscleblind-like 1

Publication Reference

- [Modulatory role of RNA helicases in MBNL-dependent alternative splicing regulation.](#)

Katarzyna Taylor, Agnieszka Piasecka, Arkadiusz Kajdasz, Aleksandra Brzęk, Micaela Polay Espinoza, Cyril F Bourgeois, Artur Jankowski, Małgorzata Borowiak, Katarzyna D Raczynska, Łukasz J Sznajder, Krzysztof Sobczak.

Cellular and Molecular Life Sciences : CMLS 2023 Oct; 80(11):335.

Application: EMSA, N/A, Recombinant proteins