

# Recombinant human RBM11, His-tagged

**Cat. No.** RBM11-2462H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human RBM11 protein, fused to His-tag at N-terminus, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Splicing regulator RBM11, also known as RBM11, belongs to the RBM family. The RBM gene family encodes proteins with an RNA binding motif that have been suggested to play a role in the modulation of apoptosis. RBM11 is a 281 amino acid nuclear protein that contains one RNA recognition motif. RBM11 exists as two isoforms produced by alternative splicing and is expressed in testis, kidney, spleen, brain, spinal cord and mammary gland. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 34.6kDa (304aa)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMFPAQEE ADRTVFVGNL EARVREEILY<br>ELFLQAGPLT KVTICKDREG KPKSFGFVCF KHPESVSYAIALLANGIRLYG<br>RPINVQYRFG SSRSEPANQ SFESCVKINS HNYRNEEMLV GRSSFPMQYF<br>PINNTSLPQE YFLFQKMQWH VYNPVLQLPY YEMTAPLPNS ASVSSSLNHV<br>PDLEAGPSSY KWITHQQPSDS DLYQMTAPLP NSASVSSSLN HVPDLEAGPS<br>SYKWITHQQPS DSDLYQMNRKRKRQKQTSDDSD SSTDNNRGNE CSQKFRKSKK<br>KKRY                                                                                  |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | >85% by SDS - PAGE                                                                                                                                 |
| <b>Applications</b>  | SDS-PAGE                                                                                                                                           |
| <b>Storage</b>       | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b> | 1 mg/ml (determined by Bradford assay)                                                                                                             |

## GENE INFORMATION

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">RBM11 RNA binding motif protein 11 [ Homo sapiens ]</a>                                 |
| <b>Official Symbol</b>     | RBM11                                                                                               |
| <b>Synonyms</b>            | RBM11; RNA binding motif protein 11; putative RNA-binding protein 11; RNA-binding motif protein 11; |
| <b>Gene ID</b>             | <a href="#">54033</a>                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_144770</a>                                                                           |
| <b>Protein Refseq</b>      | <a href="#">NP_658983</a>                                                                           |
| <b>UniProt ID</b>          | <a href="#">P57052</a>                                                                              |
| <b>Chromosome Location</b> | 21q11                                                                                               |
| <b>Function</b>            | RNA binding; nucleotide binding;                                                                    |

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