

## Recombinant Mouse Rbm5 Protein, Myc/DDK-tagged

**Cat. No.** Rbm5-5419M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length RNA binding motif protein 5 (Rbm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the spliceosome A complex. Regulates alternative splicing of a number of mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. May both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS, promotes production of a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, promotes production of a catalytically active form of CASP2/Caspase-2 that induces apoptosis.
<b>Molecular Mass</b>	92.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

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

## GENE INFORMATION

**Gene Name** Rbm5 RNA binding motif protein 5 [ Mus musculus (house mouse) ]

**Official Symbol** Rbm5

**Synonyms** RBM5; RNA binding motif protein 5; RNA-binding protein 5; RNA-binding motif protein 5; putative tumor suppressor LUCA15; D030069N10Rik

**Gene ID** 83486

**mRNA Refseq** NM\_148930

**Protein Refseq** NP\_683732

**UniProt ID** Q91YE7

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