

Recombinant Human RBM5, His-tagged

Cat. No. RBM5-31232TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 582-815 of Human RBM5 with an N terminal His tag. Observed mwt: 33 kDa.
Species	Human
Source	E.coli
ProteinLength	582-815 a.a.
Description	This gene is a candidate tumor suppressor gene which encodes a nuclear RNA binding protein that is a component of the spliceosome A complex. The encoded protein plays a role in the induction of cell cycle arrest and apoptosis through pre-mRNA splicing of multiple target genes including the tumor suppressor protein p53. This gene is located within the tumor suppressor region 3p21.3, and may play a role in the inhibition of tumor transformation and progression of several malignancies including lung cancer.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 70 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

Sequences of amino acids

GFALFEKKGALAERQQLIPELVRNGDEENPLKRGLVAAYS GDSDNEEELVERLESE
 EEKLADWKKMACLLCRRQFPNK DALVRHQQLSDLHKQNMDIYRRSRLSEQELEAL
 ELREREMKYRDRAAERREKYGIPEPPEPKRKKQFDAGTVNYESQPT KDGIDHSNIGN
 KMLQAMGWREGSGLGRKCQGITAIEA QVRLKGAGLGAKGSAYGLSGADSYKDA
 VRKAMFARFTEME

GENE INFORMATION

Gene Name [RBM5 RNA binding motif protein 5 \[Homo sapiens \]](#)

Official Symbol [RBM5](#)

Synonyms RBM5; RNA binding motif protein 5; RNA-binding protein 5; H37; LUCA15;

Gene ID [10181](#)

mRNA Refseq [NM_005778](#)

Protein Refseq [NP_005769](#)

MIM [606884](#)

Uniprot ID [P52756](#)

Chromosome Location 3p21.3

Pathway

Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; mRNA Processing, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;

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Function

DNA binding; RNA binding; mRNA binding; metal ion binding; nucleotide binding;

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