

## Product datasheet for **TP312543L**

### **RBM5 (NM\_005778) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human RNA binding motif protein 5 (RBM5), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC212543 representing NM_005778 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGSDKRVSRTERSGRYGSIIDRDDRDERESRSRRRSDSYKRSSDDRRGDRYDDYRDYDSPERERERRNSD  
RSEGGYHSDGDYGEHDYRHDISDERESKTIMLRGLPITITESDIREMMESFEGPQPADVRLMKRKTGVS  
GFAFVEFYHLQDATSWMEANQKKLVIQGKHIAMHYSNPRPKFEDWLCNKCCLNFRKRLKCFRCGADKFD  
SEQEVPPGTTESVQSDYCYCDTIILRNIAPTHVDSIMTALSPYASLAVNNIRLIKDKQTQQNRGFAFVQ  
LSSAMDASQLLQILQSLHPPLKIDGKTIGVDFAKSARKDLVLSGDNRVSAFSVASTAIAAAQWSSTQSQS  
GEGGSVDYSYLQPGQDGYAQAQYSQDYQQFYQQQAGGLES DASSASGTAVTTTSAAVVSQSPQLYNQTS  
NPPGSPTTEEAQPSTSTSTQAPAASTGVPVGTKYAVPDTSTYQYDESSGYYPDPTTGLYYDPNSQYYNS  
LTQQYLYWDGEKETYVPAESSHQQSGLPPAKEGKEKKEPKSKTAQQIAKDMERWAKSLNKQKFNFKN  
SFQPVNSLREEERRESAAADAGFALFEKKGALAEERQQLIPELVRNGDEENPLKRGVLAAYS GDS DNEEEL  
VERLESEEEKLADWKKMACLLCRRQFPNKDALVRHQQLSDLHKQNMDIYRRSRLSEQELEALELREREMK  
YRDRAAERREKYGIPEPPEPKRKKQFDAGTVNYEQPTKDGIDHSNIGNKMLQAMGWREGSGLGRKCQGIT  
APIEAQVRLKGAGLGA KGSAYGLSGADSYKDAVRKAMFARFTEME

**SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV**

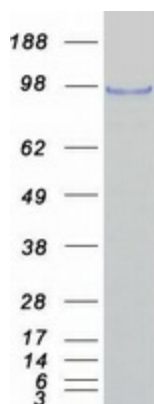
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	92 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<a href="#">NP_005769</a>
<b>Locus ID:</b>	10181
<b>UniProt ID:</b>	<a href="#">P52756</a> , <a href="#">A0A024R2U6</a>
<b>RefSeq Size:</b>	3135
<b>Cytogenetics:</b>	3p21.31
<b>RefSeq ORF:</b>	2445
<b>Synonyms:</b>	G15; H37; LUCA-15; LUCA15; RMB5
<b>Summary:</b>	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. [provided by RefSeq, Oct 2011]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified RBM5 protein (Cat# [TP312543]). The protein was produced from HEK293T cells transfected with RBM5 cDNA clone (Cat# [RC212543]) using MegaTran 2.0 (Cat# [TT210002]).