

Product datasheet for **TP312543**

RBM5 (NM_005778) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RNA binding motif protein 5 (RBM5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212543 representing NM_005778 Red =Cloning site Green =Tags(s)

MGSDKRVSRTERSGRYGSIIDRRDRERESRSTRSDYKRSSDDRRGDRYDDYRDYDSPERERERRNSD
RSEGGYHSDGDYGEHDYRHDISDERESKTIMLRGLPITITESDIREMMESFEGPQPADVRLMKRKTGVS
GFAFVEFYHLQDATSWMEANQKKLVIQGKHIAMHYSNPRPKFEDWLCNKCCLNFRKRLKCFRCGADKFD
SEQEVPPGTTESVQSDYCYCDTIILRNIAPTHVDSIMTALSPYASLAVNNIRLIKDKQTQQNRGFAFVQ
LSSAMDASQLLQILQSLHPPLKIDGKTIGVDFAKSARKDLVLSGDNRVSAFSVASTAIAAAQWSSTQSQS
GEGGSVDYSYLQPGQDGYAQYQYSQDYQQFYQQQAGGLES DASSASGTAVTTTSAAVVSQSPQLYNQTS
NPPGSPTTEEAQPSTSTSTQAPAASTGVPVGTKYAVPDTSTYQYDESSGYYPDPTTGLYYDPNSQYYNS
LTQQYLYWDGEEKETYVPAESSHQQSGLPPAKEGKEKPKSKTAQQIAKDMERWAKSLNKQKFNFKN
SFQPVNSLREEERRESAAADAGFALFEKKGALAEERQQLIPELVRNGDEENPLKRGVLVAAYS GDS DNEEEL
VERLESEEEKLADWKKMACLLCRRQFPNKDALVRHQQLSDLHKQNMDIYRRSRLSEQELEALELREREMK
YRDRAAERREKYGIPEPPEPKRKKQFDAGTVNYEQPTKDGIDHSNIGNKMLQAMGWREGSGLGRKCQGIT
APIEAQVRLKGAGLGA KGSAYGLSGADSYKDAVRKAMFARFTEME

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

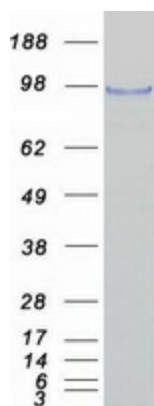
Tag:	C-Myc/DDK
Predicted MW:	92 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	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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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005769
Locus ID:	10181
UniProt ID:	P52756 , A0A024R2U6
RefSeq Size:	3135
Cytogenetics:	3p21.31
RefSeq ORF:	2445
Synonyms:	G15; H37; LUCA-15; LUCA15; RBM5
Summary:	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]
Protein Families:	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]).