

## Product datasheet for **TP320037M**

### **RBMS3 (NM\_014483) Human Recombinant Protein**

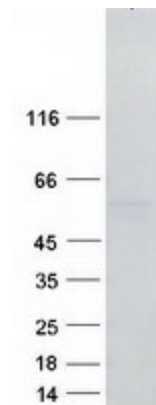
#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens RNA binding motif, single stranded interacting protein (RBMS3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220037 representing NM_014483 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGKRLDQPQMYPQYTYYPHYLQTKQSYAPAPHPMAPPSPSTNSSNNSSNNSSGEQLSKTNLYIRGLP P GTTDQDLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSPAAAQKAVASLKANGVQAQMAKQQEQDP T NLYISNLPISMDEQELENMLKPFQGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPG IPAPSEPLLCKFADGGQKKRQNSKYTQNGRPWPREGAGMALTYDPTAAIQNGFYSSPYSIATNRMIPQ TSITPFIAASPVSTYQVQSTSWMPHPPYVMQPTGAVITPTMDHPMSMQPANMMGPLTQQMNHLSLGT TGT YMTAAAPMQGTYPQYTPVPPTAVSIEGVVADTSPQTVAPSSQDTSGQQQQIAVDTSNEHAPAYSQQSK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	45.6 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.
Storage:	Store at -80°C.


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<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>	<u>NP_055298</u>
<b>Locus ID:</b>	27303
<b>UniProt ID:</b>	<u>Q6XE24</u>
<b>RefSeq Size:</b>	1600
<b>Cytogenetics:</b>	3p24.1
<b>RefSeq ORF:</b>	1260
<b>Summary:</b>	This gene encodes an RNA-binding protein that belongs to the c-myc gene single-strand binding protein family. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. The encoded protein was isolated by virtue of its binding to an upstream element of the alpha2(I) collagen promoter. The observation that this protein localizes mostly in the cytoplasm suggests that it may be involved in a cytoplasmic function such as controlling RNA metabolism, rather than transcription. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

## Product images:



Coomassie blue staining of purified RBMS3 protein (Cat# [TP320037]). The protein was produced from HEK293T cells transfected with RBMS3 cDNA clone (Cat# [RC220037]) using MegaTran 2.0 (Cat# [TT210002]).