

Product datasheet for PH320037

RBMS3 (NM_014483) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RBMS3 MS Standard C13 and N15-labeled recombinant protein (NP_055298)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220037
Predicted MW:	45.6 kDa
Protein Sequence:	>RC220037 representing NM_014483 Red=Cloning site Green=Tags(s)

MGKRLDQPQMPYQYTYYPHYLQTKQSYAPAPHPMAPPSPSTNSSNNSNNSNGEQLSKTNLYIRGLPP
GTTDQDLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSPAQAQKAVASLKANGVQAQMAKQQEQDPT
NLYISNLPISMDEQELENMLKPFQGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTTPG
IPAPSEPLLCKFADGGQKKRQNSKYTQNGRPWPREGAGMALTYDPTAAIQNGFYSSPYSIATNRMIPQ
TSITPFIAASPVSTYVQVQSTSWMPHPYVMQPTGAVITPTMDHPMSMQPANMMGPLTQQMNL SLGTTGT
YMTAAAPMQGTYPQYTPVPTAVSIEGVVADTSPQTVAPSSQDTSGQQQI AVDTSNEHAPAYSQQSK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_055298</u>
RefSeq Size:	1600
RefSeq ORF:	1260
Locus ID:	27303
UniProt ID:	<u>Q6XE24</u>

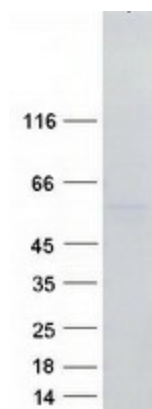


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Cytogenetics: 3p24.1

Summary: 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]).