

Product datasheet for PH301015

RBMS1 (NM_002897) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RBMS1 MS Standard C13 and N15-labeled recombinant protein (NP_002888)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201015
Predicted MW:	44.1 kDa
Protein Sequence:	>RC201015 protein sequence Red=Cloning site Green=Tags(s)
	<p>MGKVKQMQYPQYATYYYPQYLQAKQSLVPAHPMAPPSPSTTSSNNSSSSSSNSGWDQLSKTNLYIRGLP PHTTDQDLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFDSPAQAQKAVSALKASGVQAQMAKQQEQDP TNLYISNLPLSMDEQELENMLKPFQVISTRILRDSSGTSRQVGFARMESTEKCEAVIGHFNGKFIKTPP GVSAPTEPLLCKFADGGQKKRQNPKNYIPNGRPWHREGEAGMTLYDPTTAAIQNGFYPSYSIATNRMI TQTSITPYIASPVSAVQVQSPSWMQPQPYILQHPGAVLTPSMEHTMSLQPASMISPLAQQMSHLSLSTG TYMPATSAMQGAYLPQYAHMQTTAVPVEEASGQQQVAVETSNDHSPYTFQPNK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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_002888</u>
RefSeq Size:	4296
RefSeq ORF:	1209
Synonyms:	C2orf12; HCC-4; MSSP; MSSP-1; MSSP-2; MSSP-3; SCR2; YC1
Locus ID:	5937



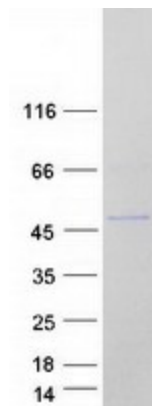
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UniProt ID: [P29558](#), [A0A0S2Z499](#)

Cytogenetics: 2q24.2

Summary: This gene encodes a member of a small family of proteins which bind single stranded DNA/RNA. 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. Several transcript variants, resulting from alternative splicing and encoding different isoforms, have been described. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq, Feb 2009]

Product images:



Coomassie blue staining of purified RBMS1 protein (Cat# [TP301015]). The protein was produced from HEK293T cells transfected with RBMS1 cDNA clone (Cat# [RC201015]) using MegaTran 2.0 (Cat# [TT210002]).