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Product datasheet for PH306581

RBMS2 (NM_002898) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RBMS2 MS Standard C13 and N15-labeled recombinant protein (NP_002889)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206581
Predicted MW:	44 kDa
Protein Sequence:	>RC206581 protein sequence Red=Cloning site Green=Tags(s) MLLSVTSRPGISTFGYNRNNKKPYVSLAQQMAPPSPSNSTPNSSSGSNGNDQLSKTNLYIRGLQPGTTDQ DLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFDSPSAAQKAVTALKASGVQAQMAKQQEQDPTNLYIS NLPLSMDEQELEGMLKPFGQVISTRILRDTSGTSRGVGFARMESTEKCEAIITHFNGKYIKTPPGVPAPS DPLLCKFADGGPKKRQNQGKFVQNGRAWPRNADMGVMALTYDPTTALQNGFYPAPYNITPNRMLAQSALS PYLSSPVSSYQRVTQTSPLQVPNPSWMHHHSYLMQPSGSVLTPGMDHPISLQPASMMGPLTQQLGHLSLS STGTYMPTAAAMQGAYISQYTPVPSSSVSVEESSGQQNQVAVDAPSEHGVYSFQFNK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_002889
RefSeq Size:	8504
RefSeq ORF:	1221
Synonyms:	SCR3
Locus ID:	5939

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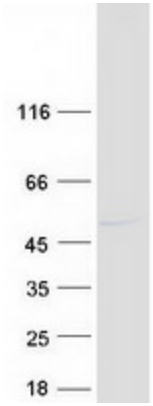
UniProt ID: Q15434

Cytogenetics: 12q13.3

Summary: The protein encoded by this gene is 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. The RBMS proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. This protein was isolated by phenotypic complementation of cdc2 and cdc13 mutants of yeast and is thought to suppress cdc2 and cdc13 mutants through the induction of translation of cdc2. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified RBMS2 protein (Cat# [TP306581]). The protein was produced from HEK293T cells transfected with RBMS2 cDNA clone (Cat# [RC206581]) using MegaTran 2.0 (Cat# [TT210002]).