

Recombinant Human RBMS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBMS2-2461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBMS2 MS Standard C13 and N15-labeled recombinant protein (NP_002889) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	44 kDa
AA Sequence	MLLSVTSRPGISTFGYNRNNKKPYVSLAQQMAPPSPSNSTPNSSSGSNGNDQLSKT NLYIRGLQPGTTDQDLVKLCQPYGKIVSTKAILDKTTNKCKGYGFVDFDSPSAAQKA VTALKASGVQAQMAKQQEQDPTNLYISNLPLSMDEQELEGMLKPFQVISTRILRDT SGTSRGVGFARMESTEKCEAIITHFNGKYIKTPPGVPAPSDPLLCKFADGGPKKRQN

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QGKQVQNGRAWPRNADMGVMALTYDPTTALQNGFYPPAPYNITPNRMLAQSAISPY
 LSSPVSSYQRTQTSPQLQVPNPSWMHHHSYLMQPSGSVLTPGMDHPISLQPASMM
 GPLTQQQLGHLSSLSTGYMPTAAAMQGAYISQYTPVPSSSVSVEESSGQQNQVAV
 DAPSEHGVYSFQFNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RBMS2 RNA binding motif single stranded interacting protein 2 [Homo sapiens (human)]

Official Symbol RBMS2

Synonyms RBMS2; RNA binding motif, single stranded interacting protein 2; RNA-binding motif, single-stranded-interacting protein 2; SCR3; suppressor of CDC2 with RNA-binding motif 3; FLJ39093; FLJ40023; FLJ43262;

Gene ID 5939

mRNA Refseq NM_002898

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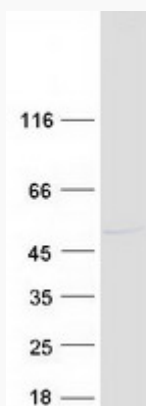
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Protein Refseq NP_002889

MIM 602387

UniProt ID Q15434

SDS-PAGE



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