

Recombinant Human RBMS3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBMS3-5109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBMS3 MS Standard C13 and N15-labeled recombinant protein (NP_055298) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	45.6 kDa
AA Sequence	MGKRLDQPQMYPQYTYYPHYLQTKQSYAPAPHPMAPPSPSTNSSNNSSNNSS GEQLSKTNLYIRGLPPGTTDQDLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSP

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AAAQKAVASLKANGVQAQMAKQQEQDPTNLYISNLPISMDEQELENMLKPFGHVIST
 RILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPGIPAPSEPLLCKFADGG
 QKKRQNSKYTQNGRPWPREGAGMALTYDPTAAIQNGFYSSPYSIATNRMIPQTS
 ITPFIAASPVSTYQVQSTSWMPHPPYVMQPTGAVITPTMDHPMSMQPANMMGPLT
 QQMNHLSLGTGTGYMTAAAPMQGTYPQYTPVPPTAVSIEGVVADTSPQTVAPSSQ
 DTSGQQQIAVDTSNEHAPAYSQQSKTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

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 RBMS3 RNA binding motif single stranded interacting protein 3 [Homo sapiens (human)]

Official Symbol RBMS3

Synonyms RBMS3; RNA binding motif, single stranded interacting protein 3; RNA binding motif, single stranded interacting protein; RNA-binding motif, single-stranded-interacting protein 3; RNA binding protein; RNA-binding protein; FLJ36544;

Gene ID 27303

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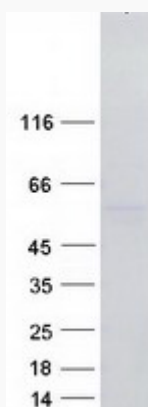
mRNA Refseq NM_014483

Protein Refseq NP_055298

MIM 605786

UniProt ID Q6XE24

SDS-PAGE



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