

Recombinant Human RBM38 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBM38-2815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBM38 MS Standard C13 and N15-labeled recombinant protein (NP_906270) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RNA-binding protein that specifically bind the 3'-UTR of CDKN1A transcripts, leading to maintain the stability of CDKN1A transcripts, thereby acting as a mediator of the p53/TP53 family to regulate CDKN1A. CDKN1A is a cyclin-dependent kinase inhibitor transcriptionally regulated by the p53/TP53 family to induce cell cycle arrest. Isoform 1, but not isoform 2, has the ability to induce cell cycle arrest in G1 and maintain the stability of CDKN1A transcripts induced by p53/TP53. Also acts as a mRNA splicing factor. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Plays a role in myogenic differentiation.
Molecular Mass	12.7 kDa
AA Sequence	MLLQPAPCAPSAGFPRPLAAPGAMHGSQKDTTFTKIFVGGLPYHTTDASLRKYFEG FGDIEEAVVITDRQTGKSRGYGFVTMADRAAAERACKDPNPIIDGRKANVNLAYLGA KPRSLQTGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

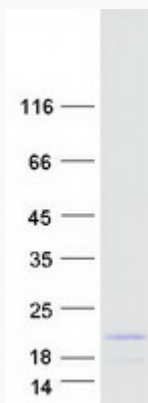
GENE INFORMATION

Gene Name	RBM38 RNA binding motif protein 38 [Homo sapiens (human)]
Official Symbol	RBM38
Synonyms	RNPC1; SEB4B; SEB4D; HSRNASEB; dJ800J21.2
Gene ID	55544
mRNA Refseq	NM_183425
Protein Refseq	NP_906270
MIM	612428
UniProt ID	Q9H0Z9

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SDS-PAGE

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