

Recombinant Human RBM8A, His-tagged

Cat. No. RBM8A-3493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RBM8A protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	RBM8A is a member of the EJC(The exon junction complex) that is involved in mRNA export, cytoplasmic localization and nonsense mediated mRNA decay. This protein has the ability to communicate to the cytoplasm the processing history of the mRNA, including the position of the removed introns. Although it shuttles to the cytoplasm, it is predominantly detected in the nucleus and is colocalized with oskar mRNA at the posterior pole of the cell.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol; 0.1M NaCl,1mM DTT
Molecular Weight	20.9 kDa(182aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MADVLDLHEA GGEDFAMDED GDESIHKLKE KAKKRKGRGF GSEEGSRARM REDYDSVEQD GDEPGPQRSV EGWILFVTGV HEEATEEDIHDKFAEYGEIK NIHLNLDLRRRT GYLKGYTLVE YETYKEAQAA MEGLNGQDLM GQPISVDWCF

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VRGPPKGKRR GGRRRSRSPD RRRRLEHHHH HH

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION**Gene Name**

RBM8A RNA binding motif protein 8A [Homo sapiens]

Synonyms

RBM8A; Y14; RBM8; ZNRP; RBM8B; ZRNP1; BOV-1A; BOV-1B; BOV-1C; MDS014; RNA-binding protein 8A BOV-1; binder of OVCA1-1; ribonucleoprotein RBM8; RNA-binding protein Y14; ribonucleoprotein RBM8A; RNA binding motif protein 8B; RNA-binding motif protein 8A

Gene ID

9939

mRNA Refseq

NM_005105

Protein Refseq

NP_005096

MIM

605313

UniProt ID

Q9Y5S9

**Chromosome
Location**

1q12

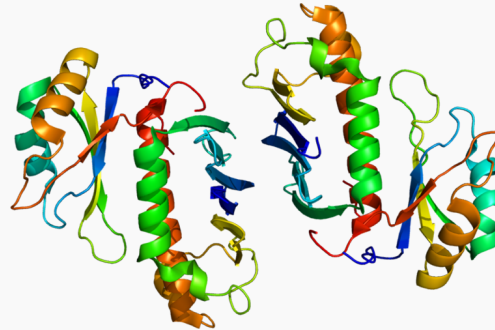
Function

RNA binding; mRNA binding; nucleotide binding; protein binding

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