

**RBM8A, 1-174aa, Human, His tag, E.coli**

**Cat.NO.: TP03694**

---

3th Edition

**Synonyms:**RNA-binding protein 8A, BOV-1A; BOV-1B, BOV-1C, MDS014, RBM8, RBM8B, Y14, ZNRP, ZRNP1

**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

**Sequences:**

MADVLDLHEAGGEDFAMDEDGDESIHKLKEKAKKRKGRGFGSEEGSRARMREDYDSVEQDGDPEPGPQRSVEGW  
ILFVTGVHEEATEEDIHDKFAEYGEIKNIHLNDRRTGYLKGTYLVEYETYKEAQAAMEGLNGQDLMGQPISVDWCF  
VRGPPKKGRRGGRRRSRSPDRRRRLEHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.