

## 32-4617: Recombinant Human RNA Binding Motif Protein 8A

**Alternative Name :** RNA-binding protein 8A, Binder of OVCA1-1, BOV-1, RNA-binding motif protein 8A, RNA-binding protein Y14, Ribonucleoprotein RBM8A, RBM8A, RBM8, Y14, ZNRP, RBM8B, ZRNP1, BOV-1A, BOV-1B, BOV-1C, MDS014.

### Description

Source : Escherichia Coli. RBM8A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-174 a.a.) and having a molecular mass of 20.9kDa. RBM8A is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. RBM8A belongs to the EJC (The exon junction complex) which is involved in mRNA export, cytoplasmic localization and nonsense mediated mRNA decay. RBM8A is able to communicate to the cytoplasm the processing history of the mRNA, including the position of the removed introns. Even though RBM8A shuttles to the cytoplasm, it is mostly detected in the nucleus and is colocalized with oskar mRNA at the posterior pole of the cell.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The RBM8A solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MADVLDLHEA GGEDFAMDED GDESIHKLKE KAKKRKGRGF GSEEGSRARM REDYDSVEQD  
GDEPGPQRSV EGWILFVTGV HEEATEEDIH DKFAEYGEIK NIHLNLD RRT GYLKGYTLVE  
YETYKEAQAA MEGLNGQDLM GQPISVDWCF VRGPPKGRRR GGRRRSRSPD RRRRLEHHHH  
HH.

