

AR09930PU-L**Human RBM8A / RBM8 (1-174, His-tag) - Purified****Alternate names:**

BOV-1, Binder of OVCA1-1, HSPC114, MDS014, RNA-binding motif protein 8A, RNA-binding protein 8A, RNA-binding protein Y14, Ribonucleoprotein RBM8A, Y14

Quantity:

0.25 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q9Y5S9](#)**NCBI:**[NP_005096](#)**GeneID:**[9939](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90%**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT**Description:**

Recombinant human RBM8A protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MADVLDLHEA GGEDFAMDED GDESIHKLKE KAKKRKGRGF GSEEGSRARM REDYDSVEQD
GDEPGPQRSV EGWILFVTGV HEEATEEDIH DKFAEYGEIK NIHLNLDRT GYLKGYTLVE
YETYKEAQA MEGLNGQDLM GQPISVDWCF VRGPPKGKRR GRRRSRSPD RRRRLEHHHH HH

Molecular weight: 20.9 kDa (182aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

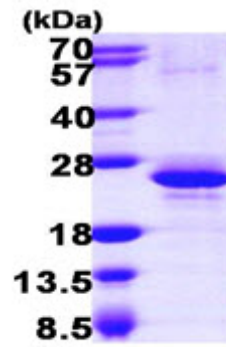
General Readings:

Reichert V.L. et al. (2002) Genes Dev., 16: 2778-2791.

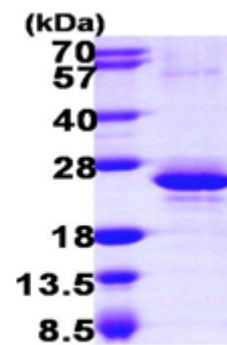
Dostie J. et al. (2002) Curr. Biol. 12: 1060-1067.

Pictures:

Recombinant human RBM8A, 1-174 aa,
His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)