

Recombinant human RBM8A protein

Catalog Number: ATGP0990

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-174aa

UniProt No.

Q9Y5S9

NCBI Accession No.

NP_005096.1

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

20.9 kDa (182aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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Amino acid Sequence

MADVLDLHEA GGEDFAMDED GDESIHKLKE KAKKRKGRGF GSEEGSRARM REDYDSVEQD GDEPGPQRSV
EGWILFVTGV HEEATEEDIH DKFAEYGEIK NIHLNLDRTT GYLKGYTLVE YETYKEAQAA MEGLNGQDLM GQPISVDWCF
VRGPPKGRRR GGRRRSRSPD RRRR<LEHHHH HH>

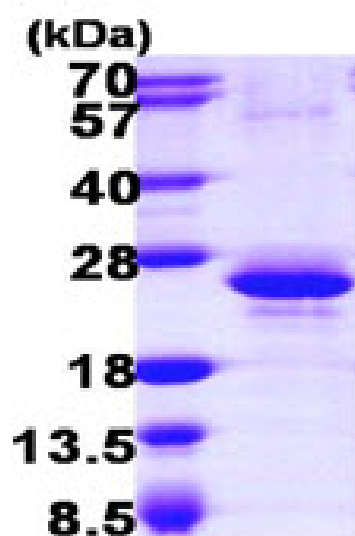
General References

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

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)