

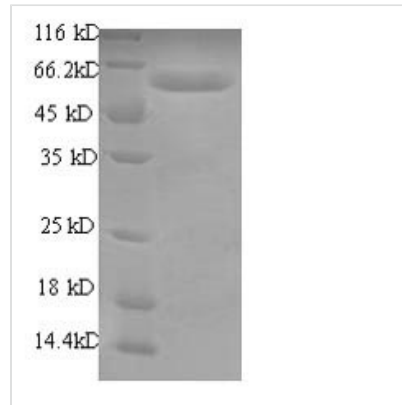


Recombinant Human RNA-binding motif protein, Y chromosome, family 1 member A1 (RBM1A), partial

Product Code	CSB-EP319143HU
Relevance	RNA-binding protein involved in pre-mRNA splicing. Required for sperm development. Acts additively with TRA2B to promote exon 7 inclusion of the survival motor neuron SMN. Binds non-specifically to mRNAs.
Abbreviation	Recombinant Human RBMY1A1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P0DJD3
Alias	RNA-binding motif protein 1;RNA-binding motif protein 2Y chromosome RNA recognition motif 1 ;hRBM1A
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MVEADHPGKLFIGGLNRETNEKMLKAVFGKHGPISEVLLIKDRTSKSRGF FENPADAKNAAKDMNGKSLHGKAIKVEQAKKPSFQSGGRRRPPASSRNRSPS GSLRSARGSRGGTRGWLP SHEGHLDDGGYTPDLKMSYSRGLIPVKRGPSSR SGGPPPKSAPSAVARNSWMSQGPMSQRRENYGVPPRRATISSWRNDR MSTRHDGYATNDGNHPSCQETRDYAPPSRGYAYRDNGHSNRDEHSSRGYR NHRSSRETRDYAPPSRGHAYRDYGHSSRRDESYRGRNRRSSRETRDYAPP SRGHGYRDYGHSSRRHESYSRGRNHPSSRETRDYAPPHRDYAYRDYGHSS WDEHSSRGYSYHDGYGEALGRDHSEHLGSSYRDALQRYGTSHGAPPARG PRMSYGGSTCHAYSNTRDRYGRSWESYSSCGDFHYCDREHVCRKDQRNPP S
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RBM1A1
Expression Region	1-459aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	55.9kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.