

Recombinant Human RNA-binding motif protein, Y chromosome, family 1 member A1(RBMY1A1),partial

Catalog No: #AP70989

Package Size: #AP70989-1 20ug #AP70989-2 100ug #AP70989-3 1mg

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Description

Product Name	Recombinant Human RNA-binding motif protein, Y chromosome, family 1 member A1(RBMY1A1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-459aaSequence Info:Partial
Other Names	RNA-binding motif protein 1RNA-binding motif protein 2Y chromosome RNA recognition motif 1 ;hRBMY
Accession No.	P0DJD3
Calculated MW	55.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MVEADHPGKLFIGGLNRETNEKMLKAVFGKHGPISEVLLIKDRTSKSRGFAFITFENPADAKNAAKDMNGKSLH GKAIKVEQAKKPSFQSGGRRRPPASSRNRSPSGSLRSARGSRGGTRGWLP SHEGLDDGGYTPDLKMSYS RGLIPVKRGPSSRSGGPPPKKSAPSAVARNSWMGSQGPM SQRRENYGVPPRRATISSWRNDRMSTRHDG YATNDGNHPSCQETRDYAPPSRGYAYRDNGHSNRDEHSSRGYRNHRSSRETRDYAPPSRGHAYRDYGHS RRDESYSGYRNRRSSRETREYAPPSRGHGYRDYGHSSRRHESYSGYRNHPSSRETRDYAPPHRDYAYRD YGHSSWDEHSSRGYSYHDGYGEALGRDHSEHLGSSYRDALQRYGTSHGAPPARGPRMSYGGSTCHAYS NTRDRYGRSWESYSSCGDFHYCDREHVC RKDQRNPPS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

The testis-specific human protein RBMY recognizes RNA through a novel mode of interaction.Skrisovska L., Bourgeois C.F., Stefl R., Grellscheid S.-N., Kister L., Wenter P., Elliott D.J., Stevenin J., Allain F.H.-T.EMBO Rep. 8:372-379(2007)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.