



# Recombinant Bovine Heterogeneous nuclear ribonucleoproteins A2/B1 (HNRNPA2B1)

<b>Product Code</b>	CSB-EP640388BO-B
<b>Abbreviation</b>	HNRNPA2B1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q2HJ60
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEREKEQFRK LFIGGLSFET TEESLRNYE QWGKLTDCVV MRDPASKRSR GFGFVTFSSM AEVDAAMAAR PHSIDGRVVE PKRAVAREES GKPGAHVTVK KLFVGGIKED TEEHHLRDYF EEEYKIDTIE IITDRQSGKK RGFGFVTFDD HDPVDKIVLQ KYHTINGHNA EVRKALSRQE MQEVQSSRSG RGGNFGFGDS RGGGGNFGPG PGSNFRGGSD GYGSGRGFGD GYNGYGGGPG GGNFGGSPGY GGGRGGYGGG GPGYGNQGGG YGGGYDNYGG GNYGSGNYND FGNYNQPSN YGPMKSGNFG GSRNMGGPYG GGNYGPGGSG GSGGYGGRSR Y
<b>Source</b>	E.coli
<b>Target Names</b>	HNRNPA2B1
<b>Protein Names</b>	Recommended name: Heterogeneous nuclear ribonucleoproteins A2/B1 Short name= hnRNP A2/B1
<b>Expression Region</b>	1-341
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein has two repeats of quasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.



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**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.

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**Shelf Life**

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