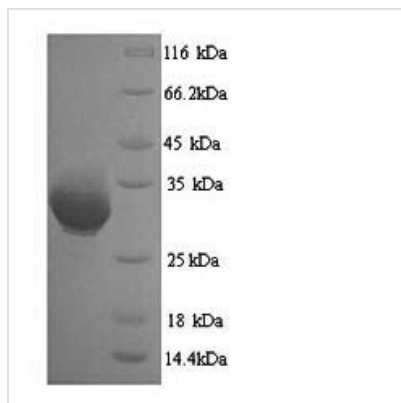




Recombinant Human Heterogeneous nuclear ribonucleoproteins A2/B1 (HNRNPA2B1)

Product Code	CSB-YP010602HU
Relevance	Involved with pre-mRNA processing. Forms complexes (ribonucleosomes) with at least 20 other different hnRNP and heterogeneous nuclear RNA in the nucleus.
Abbreviation	Recombinant Human HNRNPA2B1 protein
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.	I6L957
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEREKEQFRKLFIGGLSFETTEESLRNYYEQWGKLTDCVVMRDPASKRSRGF GFVTFSSMAEVDAAAMAARPHSIDGRVVEPKRAVAREESGKPGAHVTVKKLFV GGIKEDTEEHHLRDYFEEYGKIDTIEITDRQSGKKRGFGFVTFDDHDPVDKIVL QKYHTINGHNAEVRKALSRQEMQEDLEVAILEVAPVMEEEEEDMVVEDLDMA TRVGATEVVMTTMEEEIMEVEITMILEIITSNLLTTVQ
Source	Yeast
Target Names	HNRNPA2B1
Protein Names	Recommended name: Heterogeneous nuclear ribonucleoproteins A2/B1 Short name= hnRNP A2/B1
Expression Region	1-249aa
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	30.4kDa
Protein Length	Full Length of BC000506
Image	



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

Description

Recombinant Human HNRNPA2B1 protein (HNRNPA2B1) is a full length protein expressed with an N-terminal 6xHis-tagged in the yeast. Its expression region corresponds to 1-249aa of human HNRNPA2B1 protein. Its purity was determined by SDS-PAGE and reached up to 90% and presented a molecular mass band around 30 kDa on the gel. This recombinant HNRNPA2B1 protein may be used to synthesize antibodies against HNRNPA2B1 or on the studies of HNRNPA2B1-associated signal transduction.

The HNRNPA2B1 gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs proteins are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). 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 and two repeats of quasi-RRM domains that bind to RNAs.

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.