



# Recombinant Human Heterogeneous nuclear ribonucleoprotein A/B (HNRNPAB)

<b>Product Code</b>	CSB-EP010604HU
<b>Abbreviation</b>	HNRNPAB
<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>	Q99729
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSEAGEEQPM ETTGATENGH EAVPEASRGR GWTGAAAGAG GATAAPPSGN QNGAEGDQIN ASKNEEDAGK MFVGGLSWDT SKKDLKDYFT KFGEVVDCTI KMDPNTGRSR GFGFILFKDA ASVEKVLQK EHRLDGRVID PKKAMAMKKD PVKKIFVGGL NPESPTEEKI REYFGEFGEI EAIELPMDPK LNKRRGFVFI TFKEEEPVKK VLEKKFHTVS GSKCEIKVAQ PKEVYQQQQY GSGGRGNRNR GNRGSGGGGG GGGQSQSWNQ GYGNYNQGY GYQQGYGPGY GGYDSPYGY YGYGPGYDYS QGSTNYGKSQ RRGGHQNNYK PY
<b>Source</b>	E.coli
<b>Target Names</b>	HNRNPAB
<b>Protein Names</b>	Recommended name: Heterogeneous nuclear ribonucleoprotein A/B Short name= hnRNP A/B Alternative name(s): APOBEC1-binding protein 1 Short name= ABBP-1
<b>Expression Region</b>	1-332
<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 subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They 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, which binds to one of the components of the multiprotein editosome complex, has two repeats of quasi-



RRM (RNA recognition motif) domains that bind to RNAs. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

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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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