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**Product Data Sheet**


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Product Name: HNRNPAB Human  
 Cat. No.: GP23666  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Heterogeneous Nuclear Ribonucleoprotein A/B; ABBP-1; ABBP1; APOBEC1-Binding Protein 1; HnRNP A/B; Apobec-1 Binding Protein 1; ApolipoproteinB mRNA Editing Enzyme; Catalytic Polypeptide 1-Binding Protein 1; HnRNP TypeA/B Protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSEAGEE QPMETTGate NGHEAVPEGE SPAGAGTGAA AGAGGATAAP PSGNQNGAEGDQINASKNEE DAGKMFVGGGL SWDTSKKDLK DYFTKFGVEV DCTIKMDPNT GRSRGFGFIL FKDAASVEKVLDQKEHRLDG RVIDPKKAMA MKKDPVKKIF VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEPVKKVLEKKFH TVSGSKCEIK VAQPKEVYQQ QQYGSGGRGN RNRGNRGS GG GGGGGQGST NYGKSQRRGGHQNNYPY		
Formulation	HNRNPAB protein solution (0.25mg/ml) containing 30% glycerol and 1mM DTT.		

**Introduction**

Heterogeneous Nuclear Ribonucleoprotein A/B (HNRNPAB) is a member of 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 linked with pre-mRNA in the nucleus and seem to influence pre-mRNA processing and further aspects of mRNA metabolism and transport. Whereas 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. HNRNPAB, 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. Among the diseases associated with HNRNPAB are Wells syndrome, and

**Caution: Product has not been fully validated for medical applications. For research use only.**

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cystic fibrosis.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

HNRNPAB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-285 a.a) and having a molecular mass of 33kDa.

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