9051 Mira Mesa Blvd, #910094
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HNRNPAB Human

Heterogeneous Nuclear Ribonucleoprotein A/B Human Recombinant
RCP1042

Product Overview

Name	HNRNPAB Human

Description

Heterogeneous Nuclear Ribonucleoprotein A/B Human Recombinant

Accession (Primary)	Q99729

Synonyms

Heterogeneous Nuclear Ribonucleoprotein A/B, ABBP-1, ABBP1, APOBEC1-Binding Protein 1, HnRNP A/B, Apobec-1 Binding Protein 1, Apolipoprotein B MRNA Editing Enzyme, Catalytic Polypeptide 1-Binding Protein 1, HnRNP Type A/B Protein.

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 theheterogeneous nuclear RNA (hnRNA) complexes. They are linked with pre-mRNAs 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 cystic fibrosis.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

HNRNPAB protein solution (0.25mg/ml) containing 30% glycerol and 1mM DTT.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

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Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MSEAGEE QPMETTGATE NGHEAVPEGE SPAGAGTGAA AGAGGATAAP PSGNQNGAEG DQINASKNEE DAGKMFVGGL SWDTSKKDLK DYFTKFGEVV DCTIKMDPNT GRSRGFGFIL FKDAASVEKV LDQKEHRLDG RVIDPKKAMA MKKDPVKKIF VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEP VKKVLEKKFH TVSGSKCEIK VAQPKEVYQQ QQYGSGGRGN RNRGNRGSGG GGGGGGQGST NYGKSQRRGG HQNNYKPY

Precautions

HNRNPAB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99729)