

Product information



HNRNPAB, 1-285aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2371

Full name: Heterogeneous nuclear ribonucleoprotein A/B isoform b

NCBI Accession No.: NP_004490

Synonyms: Heterogeneous nuclear ribonucleoprotein A/B, ABBP1; HNRNPAB

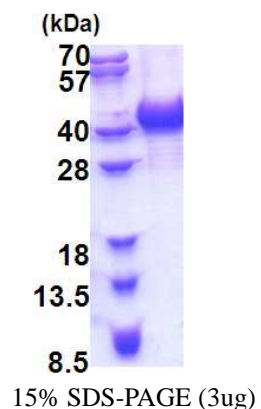
Description: HNRNPAB belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They are associated with pre-mRNAs in the nucleus and appear to 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. 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. Recombinant human HNRNPAB protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In PBS containing 30% glycerol, 1mM DTT

Molecular Weight: 33 kDa (308aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMSSEAGEE QPMETTGATE NGHEAVPEGE SPAGAGTGAA AGAGGATAAP PSGNQNGAEG DQINASKNEE
DAGKMFVGG L SWDTSKKDLK DYFTKFGVEV DCTIKMDPNT GRSRGFGFIL FKDAASVEKV LDQKEHRLDG RVIDPKKAMA MKKDPVKKIF
VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEP VKKVLEKKFH TVSGSKCEIK VAQPKEVYQQ QQYGSQGRGN
RNRGNRGS GG GGGGGQGST NYGKSQRRGG HQNNYKPY

General references:

Joeson L., Vikesaa J, *et al.* (2007), *Mol. Cell. Proteomics* 6:798-811

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246

Fax: (763) 780-2988

Email: info@ibl-america.com

Web: www.ibl-america.com