

AR51194PU-S

Human hnRNP-A/B / HNRNPAB (1-285, His-tag) - Purified

Alternate names:

ABBP1, APOBEC1-binding protein 1, HNRNPAB, Heterogeneous nuclear ribonucleoprotein A/B

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q99729](#)

NCBI:

[NP_004490](#)

GenelD:

[3182](#)

Species:

Human

Source:

E. coli

Format:

Purity: >95% by SDS - PAGE

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

Description:

Recombinant human HNRNPAB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMSEAGEE QPMETTGate NGHEAVPEGE SPAGAGTGAA
AGAGGATAAP PSGNQNGAEG DQINASKNEE DAGKMFVGGL SWDTSKKDLK DYFTKFGEVV
DCTIKMDPNT GRSRGFGFIL FKDAASVEKV LDQKEHRLDG RVIDPKKAMA MKKDPVKKIF
VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEP VKKVLEKKFH
TVSGSKCEIK VAQPKEVYQQ QQYGS GGRGN RNRGNRSGG GGGGGGQGST NYGKSQRRGG
HQNNYKPY

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

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

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

Pictures:

