

HNRNPAB, 1-285aa, Human, His tag, E.coli

Cat.NO.: TP02479

3th Edition

Synonyms:Heterogeneous nuclear ribonucleoprotein A/B isoform b, Heterogeneous nuclear ribonucleoprotein A/B, ABBP1; HNRPAB

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSEAGEEQPMETT GATENGHEAVPEGESPAGAGTGAAAGAGGATAAPPS
GNQNGAEGDQINASKNEEDAGKMFVGGLSWDTSKDKLDYFTKFGEVVDCTIKMDPNTGRSRGFGFILFKDAASV
EKVLDQKEHRLDGRVIDPKKAMAMKKDPVKKIFVGGLNPEATEEKIREYFGEFGEIEAIELPMDPKLNKRRGFVITF
KEEPPVKKVLEKKFHTVSGSKCEIKVAQPKEVYQQQYGS GGRGNRNRGNRGS GGGGGGGGGGQGSTNYGKSQR
RGGHQNNYKPY

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.