

## Product datasheet for **AR51194PU-S**

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

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | hnRNP-A/B / HNRNPAB (1-285, His-tag) human recombinant protein, 50 µg   |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMSEAGEE QPMETTGate NGHEAVPEGE SPAGAGTGAA AGAGGATAAP PSGNQNGAEG DQINASKNEE DAGKMFVGGGL SWDTSKKDLK DYFTKFGGEV DCTIKMDPNT GRSRGFGFIL FKDAASVEKV LDQKEHRLDG RVIDPKKAMA MKKDPVKKIF VGGLNPEATE EKIREYFGEF GEIEAIELPM DPKLNKRRGF VFITFKEEEP VKKVLEKKFH TVSGSKCEIK VAQPKEYYQQ QQYGSGGRGN RNRGNRGS GG GGGGGQGST NYGKSQRRGG HQNNYKPY |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 33 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>Buffer System: Liquid. In PBS containing 30% glycerol, 1 mM DTT   |
| Protein Description:                  | Recombinant human HNRNPAB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| 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.   |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <a href="#">NP_004490</a>   |
| Locus ID:                             | 3182  |
| UniProt ID:                           | <a href="#">Q99729</a>  |
| Cytogenetics:                         | 5q35.3  |
| Synonyms:                             | ABBP1; HNRNPAB  |



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**Summary:**

This gene 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. The protein encoded by this gene, 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

**Product images:**