

## Product datasheet for **SC320740**

### **HNRPAB (HNRNPAB) (NM\_004499) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HNRPAB (HNRNPAB) (NM_004499) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPAB
Synonyms:	ABBP1; HNRPAB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_004499.3  
 GGCACCGCGCGGGACGGAGCTTGGCTGTTGGTCGGTGGGTCCCCTGCGGCGCGGCCAA  
 GGAGGAGGAGACACAGTTGGAGCAGCTCCGTGGGCTGACTGGGGCGAGGCCTCAGCAGCG  
 CGAGCTTGAGTGCGGCCGAGCCTGCGGGCGCTTCCCCTGCGGGTGGGGACGAGCGGGCCC  
 CGCGGCGTCATCGGCGCGAGGAGCCGCGCGCCTCGGCTAGCATGTCGGAAGCGGGCG  
 AGGAGCAGCCCATGGAGACGACGGGCGCCACCGAGAACGGACATGAGGCCGTCCCCGAAG  
 GCGAGTCGCGGGCCGGGCTGGCACGGGCGCCGCGGGGGCTGGAGGCGCGACCGCGG  
 CGCCCCGAGCGGGAATCAGAACGGCGCCGAGGGCGACCAGATCAACGCCAGCAAGAACG  
 AGGAGGACGCGGGAAAAATGTTCTGTTGGTGGCCTGAGCTGGGATACTAGCAAAAAAGATT  
 TAAAAGACTATTTTACTAAATTTGGAGAGGTCGTTGACTGTACAATAAAAAATGGATCCCA  
 ACACTGGACGGTCAAGAGGGTTTGGTTTATCCTGTTCAAAGATGCAGCCAGTGTGGAGA  
 AGGTCCTAGACCAGAAGGAGCACAGGCTGGATGGCCGTGTCATTGACCCTAAAAAGGCCA  
 TGGCTATGAAGAAGGACCCGGTGAAGAAAATCTTCGTTGGGGTCTGAATCCTGAAGCCA  
 CTGAGGAAAAGATCAGGGAGTACTTTGGCGAGTTTGGGGAGATTGAGGCCATTGAATTGC  
 CAATGGATCCAAAGTTGAACAAAAGACGAGTTTTGTGTTTATCACCTTTAAGAAGAAG  
 AACCCGTGAAGAAGGTTCTGGAGAAAAAGTTCCATACTGTCAAGTGAAGCAAGTGTGAGA  
 TCAAGGTGGCCAGCCAAAGAAGTCTATCAGCAGCAGCAGTATGGCTCTGGGGGCGGTG  
 GAAACCGCAACCGAGGGAACCGAGGCAGCGAGGTGGTGGTGGAGGTGGAGGTGAGGGTA  
 GTACAAACTACGGCAAGGCCAGCGACGTGGTGGCCATCAGAATAACTACAAGCCATACT  
 GAGGCGGCAGCAGGAGCGACCACTGATCGCACACATGCTTTGTTGGATATGGAGTGAA  
 CACAATTATGTACAAATTTAACTTGGCAAATTTCTATTGCCTGTCCCATGTGCATCTT  
 ATTTAAAAATTTCCCCATGGAAATCACTCTCCTGTTGACTATTTCCAGAGCTCTAGGTGT  
 TTAGGCAGCGTGTGGTGTCTGAGAGGCCATAGCGCCATCATGGGCTGATTTTTATTACCA  
 GGTCCCCCAGAAGCAGGTGGGAGGCTCTGCTTCTGCTGCCGCTCTGCAGCCTGGACCTG  
 TGGACCTGGTTGTAAGAGTAAATTGTATCTTAGGAAACCAGTGTACCTTTTTTTTAC  
 CTTTTAATTTTATATTATTTGCGTCATACATTTCTGTAACGGAAGTGTAAATTTTACTG  
 TACTTTTTTGGTACCTTTTGGGAATCTAATGTATTGTAAGGTATTTTACACGTGTCCTGAT  
 TTTGCCACAACCTGGATATTGAAGCTATCCAAGCTTTTGAATAAAATTTAAAAACCCCC  
 AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_004499

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_004499.3](#), [NP\\_004490.2](#)

**RefSeq Size:** 1696 bp

**RefSeq ORF:** 858 bp

**Locus ID:** 3182

**UniProt ID:** [Q99729](#)

**Cytogenetics:** 5q35.3

**Domains:** RRM

**Gene 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]  
Transcript Variant: This variant (2) lacks an alternate exon in the 3' coding region compared to variant 1. The resulting protein (isoform b) is shorter, compared to isoform a.