

Product datasheet for **SC107880**

HNRPAB (HNRNPAB) (NM_031266) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPAB (HNRNPAB) (NM_031266) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPAB
Synonyms:	ABBP1; HNRPAB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107880 sequence for NM_031266 edited (data generated by NextGen Sequencing)

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ATGTCGGAAGCGGGCGAGGAGCAGCCCATGGAGACGACGGGCCACCGAGAACGGACAT
GAGGCCGTCCCCGAAGGCGAGTCGCCGGCCGGGGCTGGCACGGGCGCCGGCGGGGCT
GGAGGCGCGACCGCGGCCCCCGAGCGGGAATCAGAACGGCGCCGAGGGCGACAGATC
AACGCCAGCAAGAACGAGGAGGACGCGGAAAAATGTTTCGTTGGTGGCCTGAGCTGGAT
ACTAGCAAAAAAGATTTAAAAGACTATTTTACTAAATTTGGAGAGGTCGTTGACTGTACA
ATAAAAAATGGATCCCAACACTGGACGGTCAAGAGGGTTTGGGTTTATCCTGTTCAAAGAT
GCAGCCAGTGTGAGAAGGTCCTAGACCAGAAGGAGCACAGGCTGGATGGCCGTGTCATT
GACCCTAAAAAGCCATGGCTATGAAGAAGGACCCGGTGAAGAAAATCTTCGTTGGGGT
CTGAATCCTGAAGCCACTGAGGAAAAGATCAGGGAGTACTTTGGCGAGTTTGGGGAGATT
GAGGCCATTGAATTGCCAATGGATCCAAAGTTGAACAAAAGACGAGGTTTTGTGTTTATC
ACCTTTAAAGAAGAAGAACCCGTGAAGAAGTTCTGGAGAAAAAGTTCCATACTGTCAAGT
GGAAGCAAGTGTGAGATCAAGGTGGCCAGCCAAAGAAGTCTATCAGCAGCAGCAGTAT
GGCTCTGGGGGCGGTGGAACCGCAACCGAGGGAACCGAGGCAGCGGAGGTGGTGGTGA
GGTGGAGGTGAGAGTCAAGTGGAAATCAGGGCTACGGCAACTACTGGAACCGGGCTAC
GGCTACCAGCAGGGCTACGGGCTGGCTATGGCGGCTACGACTACTCGCCCTATGGCTAT
TACGGCTACGGCCCCGGCTACGACTACAGTCAGGGTAGTACAAACTACGGCAAGAGCCAG
CGACGTGGTGGCCATCAGAATAACTACAAGCCATACTGA

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Clone variation with respect to NM_031266.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031266 unedited
 ATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGCCTCGTGCCGAATTCGGCACG
 AGGGCGGGACGGAGCTTGGCTGTTGGTCGGTGGGTTCCCGTGC GGCGGGCCCAAGGAGG
 AGGAGACACAGTTGGAGCAGCTCCGTGGGCTGACTGGGGCGAGGCCTCAGCAGCGCGAGC
 TTGAGTGGCGCCGAGCCTGCGGCGCCTCCCTGCGGGTGGGACGAGCGGGCCCCGCGG
 CGTCATCGGGCGGAGGAGCCCGCGCCTCGGCTAGCATGTCGGAAGCGGGCGAGGAG
 CAGCCCATGGAGACGACGGGCGCCACCGAGAACGACATGAGGCCGTCCCGAAGGCGAG
 TCGCCGGCCGGGTTGACCCCGGGCGCCGCGGCGNGGCTGGAGGCGCGACCGCGGGCGC
 CCCCAGCGGGAATCAGAACGGCGCCGAGGGCGACCAGATCAACGCCAGCAAGAACGAGG
 AGGACGCGGAAAAATGTTCTGTTGGTGGCCTGAGCTGGGATACTAGCAAAAAAGATTTAA
 AAGACTATTTTACTAAATTTGGAGAGGTCGTTGACTGTACAATAAAAAATGGATCCCAACA
 CTGGACGGCAAGAAAGGTTTGGGTTTATCCTGTTCAAAGATGCAGNCAGTGTGGAAAG
 GGTCTANACCNAAAAGACACAGGCTGGGATGGGCCGTGTTATTGACCTAAAAAGGCC
 ATGGCTATTAAGAAGGGACCCGGTGAAGAAAAATTTTGTGGGGGGGTTTGAATCCCT
 GAGCCACTGAGGAAAGATCAGGGGAGTCTTGGGCGAGTTTGGGGGAATTGAGGGCCT
 TGAATTGCCATGGATCCAGGTGAACAAAAACGGGTTTTGGGGTTTTTACCTTTAAAAA
 AAAAAACCGTAAAAAAGGTTTTGGAAAAAATTTCTTACTGCAGTGGCACACGGGTGAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031266 unedited
 TTTCTTTGGACGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCCCACTCA
 CCCAGGCTTGGGGTTTTTAAATTTTATTTCAAAGCTTGGATAGCTTCAATATCCAGGT
 TGTGGCAAAATCAGGACACGTGTAATAACCTTACAATACATTAGATTCCAAAAGGTAC
 CAAAAAGTACAGTAAAAATTAACACTTCCGTTACAGGAAATGTATGACGCAATAATATAA
 AATTAAGGTAAGAAAAAGGTGACACTGGTTTCTAAGATACAATTTACTCTTTACAAC
 CAGGGTCCACAGGTCCAGGCTGCAGAGCGGCAGCAGGAAGCAGAGCCTCTCACCTGCTTC
 TGGGGACCTGGTAATAAAAAATCAGCCCATGATGGCGCTATGGCCTCTCAGACACCACAC
 GCTGCCTAAACACCTAGAGCTCTGGAAATAGTCAACAGGAGAGTGATTTCCATGGGGAA
 ATTTTAAATAAGATGCACATGGGACAGGCAATAGAAAGTTTGCCAAGTTAAATTTGGTAC
 ATAATTGTGTTCACTCCATATCCAAACAAGCATGTGTGCGATCAGTTGGTCGCTCCTGC
 TGCCGCTCAGTATGGCTTGTAGTTATTCTGATGGCCACCACGTCGCTGGCTCTTGCCGT
 AGTTTGTACTACCCTGACTGTAGTGTAGTCCGGNGCCGTAGCCGTAATAGCCATAGGGCG
 AGTAGTCGTAGCCCATAGCCAGGCCCTAGCCCTGCTGGTAGCCGTAGCCCTGTTCC
 AGTAGTTGCCGTAGCCCTGATTCCAACCTGACTCTGACCTCCACTTACCACCACCTTC
 GTTGCTGGGTTCCCTTCGGTGC GGTTCCACGGCCNCAGAGCCATACTGCTGCTGCTG
 ATAGACTTCTGGGCTGGGCCACCTTGATCTACACTTGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_031266

Insert Size:

1940 bp

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).

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:	<ol style="list-style-type: none">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_031266.2 , NP_112556.2
RefSeq Size:	1837 bp
RefSeq ORF:	999 bp
Locus ID:	3182
UniProt ID:	Q99729
Cytogenetics:	5q35.3
Domains:	RRM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the full length isoform (a).</p>