

## Product datasheet for **SC127676**

### **HNRNPA0 (NM\_006805) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HNRNPA0 (NM_006805) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRNPA0
Synonyms:	HNRPA0
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006805, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAATTCTCAGTTGTGTAAGCTGTTTCATCGGCGGCCTCAATGTGCAGACGAGTGAGTCGGGCCTGC
GCGGCCACTTTGAGGCCTTTGGGACTCTGACGGACTGCGTGGTGGTGGTGAATCCCCAGACCAAGCGCTC
CCGTTGCTTTGGCTTCGTGACCTACTCCAATGTGGAGGAGGCGGACGCCCATGGCCGCTCGCCCCAT
GCCGTGGACGGCAACACTGTGGAGCTGAAGCGGGCGGTGTCCCGGGAGGATTCGGCGCGGCCCGGTGCC
ACGCCAAGGTTAAGAAGCTCTTTGTCGGAGGCCTTAAGGAGACGTGGCTGAGGGCGACCTGATCGAGCA
CTTCTCGCAGTTTGGCACCGTGGAAAAGCCGAGATTATTGCCGACAAGCAGTCCGGCAAGAAGCGTGGA
TTCGGCTTCGTGTATTTCCAGAATCACGACGCGCAGACAAGGCCGCGGTGGTCAAGTTCATCCGATTC
AGGGCCATCGCGTGGAGGTGAAGAAAGCAGTCCCAAGGAGGATATCTACTCCGGTGGGGTGGAGGCGG
CTCCCGATCCTCCCGGGGCGGCCGAGGCGGCCGGGGCGCGCGGTGGTTCGAGACCAGAACGGCCTTTCC
AAGGGCGGCGGCGCGGTTACAACAGCTACGGTGGTTACGGCGGCGGCGGAGGCGGCGGCTACAATGCCT
ACGGAGGCGGCGGCGGCTTCGTCTACGGTGGGAGCGACTACGGTAACGGCTTCGGCGGCTTCGGCAG
CTACAGCCAGCATCAGTCTCTATGGGCCATGAAGAGCGGCGGCGGCGGCGGCGGTGGAGGCAGTAGC
TGGGGCGGTCGCAGTAATAGTGGACCTACAGAGGCGGCTATGGCGGTGGGGTGGCTATGGAGGCAGCT
CCTTCTAA
```



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_006805 unedited</p> <pre>TGAGTAATTGTAACGACTCATATAGGCGGCCGGAATTCGCACGAGGGGAGCGGAGGT GGCGGGCGGCGCGGTAGCGGTGGCCTTGGTTGTCTTCCAGTCTCCTCGGCTCGCCCTTTA GCCGGCACCGCTCCCCTTCCCTCCCCTTCTCTCTTCTTCCCTTCCCTCCCCTTCCCTT TTTCCCTTCCCCTGCGGTGAGCGGGGGGGTGGCTCCAGCAACGGCTGGGCCAAGCTGT GTAGAGGCCTTAACCAACGATAACGCGCGGACGCGGAAACCTCGGAGCTCGCAGGGCGG GGCAAGGCCCGGGCCTTGGAGATGGAGAATTCTCAGTTGTGTAAGCTGTTTCATCGGCGG CCTCAATGTGCAGACGAGTGAAGTGGGCGCTGCGCGGCCACTTTGAGGCCTTTGGGACTCT GACGGACTGCGTGGTGGCGGTGAATCCCCAGACCAAGCGCTCCCCTTGGCTTGGCTTCGT GACCTACTCCAATGTGGAGGAGGCGGACGCCCATGGCCGCTCGCCCCATGCCGCGGT ACGGCACACTGTGGAGCTGAAGCGGGCGGAGTCCCGGAGGATTCGGCGCGGTCTGGTGC CCACGCCCAAGGTTAAGAAGCTCTGTGTCGAGGCCTTAAAGGAGACCGTGCCTGAAGGC GACCTGATCGAGCACTTCTCGAAATTGGCACCGTGGAAAAGCCGCAACTATTGCCGAC AAGCAGTCCGGCAAGAAGCGTGGATTTTCGCTTCGTGCATTTCCACAATCACCACCGGCA CACAAGGCCCGCGCGGTCAACTCCCATCCGAATCAGGGCCATCCGCCTGCAGGGCAGAAA AAAGCACCCCAAGGAGGATATCACACCCGTGCGGGGGGAAGTAGTGTCCCGATCCC CCCCGCGCTCCCAGACGCCCGGGGGCCCCCGAGGT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_006805 unedited</p> <pre>TGGACCGCGGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACGGTCAAACACA ATGATTTATTAATAAATAAAACGTAAAAATGATTTTGTACATATGCTTCAAATTCAGG CATGGGATCCAAGTAGATTTATAGAAAACGCTGTAGCCAGGTTATCAAGTCCTTACAAC AAAGTAACTACCCCCACCCCAACCCCAACCCAGGTTTTGCTACAGAATCAGCAAGTTC ACTCCCTCCCTCCCCCAAAAAACAAAATTAACAAGACATTTGCTAGTATAAAAAAC GACCAAGTCCAAGTAATAATAAAAAAATAGAGTCCATCAATGACTGTAACACAAAAATG TGTATGTGGGGCCGAGTCCATCTTCAGAGGGAGAGACAAGAGAGGTGGCAGGCAAATAGA GGAACACCCCAAGGTAAGCAGCCTTAGAAGTGGCTCCCCCAAGGGCAAAAACAGGGAAG GCGGTGTGTGTGAGGGGGTGGGGCTTANGAGTTGACCCCACTTGGGCTGTTGAAAGAGC TACCCCTATAGCCACTCCAGGCATTTTAAATTTCTTTTAGAAGGAGCTGCCTCCATAG CCACCCCAACCCGATAGCCGCCCGCCCTCCGTAGGCATTGTAGCCGCCCTCCGCCG CCGCCGTAAACACCGTAGCTGTTGTAACCGCCGCGCCGCTTGAAAGGCCGTTCTGG TCTNGACCACCGCGCGCCCCGCGCCCTCGGCCGNCCCGGAGGATCGGGAGCCGCT CCACCCCAACCGAGTAGATATCCCTCCTGGGGGACTGCCTTCTCACCTCACGCGATG GCCCTGAATCGGATGAACTTGACCACCGCGGGCTGTTTGGCGGGCGTGATTTGAAATA CACGAGCCAATCAGGCTCTTGGCGGATG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006805
<b>Insert Size:</b>	1620 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_006805.3](#), [NP\\_006796.1](#)

**RefSeq Size:** 2983 bp

**RefSeq ORF:** 918 bp

**Locus ID:** 10949

**UniProt ID:** [Q13151](#)

**Cytogenetics:** 5q31.2

**Domains:** RRM

**Gene Summary:** This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins 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 has two repeats of quasi-RRM domains that bind RNAs, followed by a glycine-rich C-terminus. [provided by RefSeq, Jul 2008]