

Product datasheet for SC117056

hnRNP F (HNRNPF) (NM_004966) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP F (HNRNPF) (NM_004966) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRNPF
Synonyms:	HNRPF; mcs94-1; OK/SW-cl.23
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC117056 sequence for NM_004966 edited (data generated by NextGen Sequencing)

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ATGATGCTGGGCCCTGAGGGAGGTGAAGCCTTTGTGGTCAAGCTCCGTGGCCTGCCTGG
TCCTGCTCTGTTGAGGACGTGCAGAACTTCCTCTGACTGCACGATTCATGATGGGGCC
GCAGGTGCCATTTTCATCTACACTAGAGAGGGCAGGCAGAGTGGTGAAGCCTTTTGTGAA
CTTGGATCAGAAGATGATGTAATAATGGCCCTGAAAAAGACAGGGAAAGCATGGGACAC
CGGTACATTGAGGTGTTCAAGTCCCACAGAACCGAGATGGATTGGGTGTTGAAGCACAGT
GGTCCCAACAGTGCCGACAGCGCAACGATGGCTTCGTGCGGCTTCGAGGACTCCCATT
GGATGCACAAAGGAAGAAATTGTTCAAGTCTTCTCAGGGTTGAAATTGTGCCAAACGGG
ATCACATTGCCTGTGGACCCGAAGCAAGATTACAGGGGAAGCGTTCGTGCAGTTTGCC
TCGCAGGAGTTAGCTGAGAAGGCTCTAGGGAAACACAAGGAGAGGATAGGGCACAGGTAC
ATTGAGGTGTTTAAAGAGCAGCCAGGAGGAAGTTAGGTCATACTCAGATCCCCCTCTGAAG
TTCATGTCCGTGCAGCGGCCAGGGCCCTATGACCGGCCCGGGACTGCCAGGAGGTACATT
GGCATCGTGAAGCAGGCAGGCCTGGAAAGGATGAGGCCTGGTGCCTACAGCACAGGCTAC
GGGGGCTACGAGGAGTACAGTGGCCTCAGTGATGGCTACGGCTTACCACCGACCTGTT
GGGAGAGACCTCAGCTACTGTCTCTCCGGAATGTATGACCACAGATACGGCGACAGTGAG
TTCACAGTGCAGAGCACACAGGCCACTGTGTCCACATGAGGGGCCTGCCGTACAAGCG
ACCGAGAACGACATTTACAACCTTCTCTCCTCTCAACCCTGTGAGAGTCCATATTGAG
ATTGGCCAGATGGAAGAGTGACGGGTGAAGCAGATGTTGAGTTTGCTACTCATGAAGAA
GCTGTGGCAGCTATGTCCAAAGACAGGGCCAATATGCAGCACAGATATATAGAATCTTC
TTGAATTAACAACAGGGGCCAGCAATGGGGCGTATAGCAGCCAGGTGATGCAAGGCATG
GGGGTGTCTGCTGCCAGGCCACTTACAGTGGCCTGGAGAGCCAGTCAGTGAGTGGCTGT
TACGGGGCCGGCTACAGTGGGCAGAACAGCATGGGTGGCTATGACTAG

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Clone variation with respect to NM_004966.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004966 unedited ATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGACTGCGCCGG TCTTCCTCAGGTTGAGAACAAAAACATGCACCTGGAGTTTCCCGGAGCCCTCTGCGTGG TTGAGCTTCGGTGAATTTGGGGCTCTTGCTGCCAGCCGCGCTTGCCTGGTAGCAACA GAAACAGTCTGCTCGCTCCGTGGACATTTTCATTACCATCCAGAAGTGTCTCCCACTG AAGGCATCCGTGGTTGTTTTAAGCCACAAAAAGCCACACCCAAAGATCACCTGACACCC ACCCTGTCAAGTGTCCATGATGCTGGCCCTGAGGGAGGTGAAGGCTTTGTGGTCAAGCT CCGTGGCCTGCCCTGGTCTGCTGTTGAGGACGTGCAGAACTTCTCTCTGACTGCAC GATTCATGATGGGGCCGAGGTGTCCATTTTCATCTACACTAGAGAGGGCAGGCAGAGTGG TGAGGCTTTTGTGAACTTGATCAGAAGATGATGTAATAATGGCCCTGAAAAAGACAG GGAAAGCATGGGACACCGGTACATTGAGGTGTTCAAGTCCACAGAACCAGATGGATTG GGGTGTTGAAGCACAGTGGTCCCAACAGTGCCGACAGCGCAACGATGGCTTCGTGCGGC TTCGAGGACTCCATTTGGATGCACAAAGGAAGAAATTGTTTCAGTTCTTCTCAGGTTGG AAATTGTGCCAAACGGGATCACATTGCCTGTGGACCCGAAGGGCAGATTCAGGGNGAAA GCGTCGTGCAGTTTGGCCCTCGCAGAGTTAGCTGAGAAGGCTCTAGGGAACACAAGGAGAG ATAGGGCACAGTCCNTTGAAGGTGTTAAACAGCAGGAGGAAGTAGCTACTCAGATCCCT CTGAATNAATGTCGTGCACCGCCAGGCCTT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004966 unedited GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGTGAAAAATCTTTATTTAAGAA AAAAATTTAGTTAACAAAAATTAACAAGTTTCACTTAGCAAAATACACCCAAAAGGAA ATCACAGTACAAAGAAAGTTTTAAGTCAAGGCCTACCAATTCCTACAGTATTAGTATTG GGTCTCAATTCTCAAACTAACTTTTAAAAAGCTTAACTTAACTAAAGGATTTTAAAT GAAAATATAAACTAGAATGAACAAACATGAGAAATATTTCTTTGAATCAGGGAGCTAGCA CCTTTGAGTTTTCAAAAAAGCACGTCTCCCCAGTGTGTTCACTGTGATGTGGTGTAAAA GATCCACATTTAACATACTTAACTACTTAACTTAGATAACATCACTCTGAAGTATACT ACCAAAATGTTAATTGAGAAAAGCTGAAAATAGTTTTAGTTTACTCATTATCACATGCTA GAAGAGAATTTTGCATGAGAAAACACTGAAGAGGTAATTTTTTAAATCCAGATTTTTCACA AACTCATGGTGCAAAATGGGTCCCCAGCTTCTCTATTATAACTGCTCTTAATTGCTTG TTGGCTGCCTGTGAAAATGATTGAAGTAACTCAAATGTTCTTAACAAAACACTAGTCATAGC CACCCATGCTGTTCTGCCACTGTAGCCAGCCCGTAACAGCCACTCACTGACTGGCTCT CCAGGCCACTGTAAGTGGCCTGGGCAGCAGACACCCCATGCCTTGCATCACCTGGCTGC TATACGCCCATAGCTGGCCCTGNTGNTGAATCAAGAAGAGTTCTATATATCTGTGCT GCATATTGGCCCTGTCTTTGGAATAGCTGCACAGCCTTCTCATGAGTANAACTCACATC TGCTACCCGTACTCTTNTCTGGGCCATCTCATATGGACCTCACAGGGTAAAAGAGANA NAAGTGAAATGTCGTCTCGTCGCCNGTACGCAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_004966
Insert Size:	2140 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).
RefSeq:	NM_004966.2 , NP_004957.1
RefSeq Size:	2591 bp
RefSeq ORF:	1248 bp
Locus ID:	3185

UniProt ID: [P52597](#), [A0A024R7T3](#)

Domains: RRM

Gene Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, 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 three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1-6 encode the same protein.