

## Product datasheet for **MC201751**

### **Hnrnpf (NM\_133834) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hnrnpf (NM_133834) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpf
Synonyms:	4833420I20Rik; AA407306; Hnrpf
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC025481 sequence for NM\_133834  
 CCACGCGTCCGGGACTGCGCCTCGTCTTCTGAAAGTTGAGAACAAAAGATGCACCTGGACTTTCCCGG  
 GAGCCCTCTGCGTTTTTAAGGCGTGGGTGGAGTTGAGTTTCGTAAAGCCGCTTCCCTACTGAATATAGA  
 AGTCACCTCTACCTTCTCCCTGGAAAATTGTTACCTTCCATTAAGTGTTCCTACAGAAGGCATCTG  
 TGGTGGTCTTTAAGCTACAAAAATTGCCAAGCTTGTGTGACATCAGCCCTGTCAAGTGTCCATGATG  
 CTGGGCCCTGAGGGAGGTGAAGGCTATGTGGTCAAACCTCCGTGGCCTACCCTGGTCTGCTCAATTGAGG  
 ACGTACAAAATTCTCTCCGACTGCACAATTCATGATGGGGTGCAGGTGTTTTCATTTTACTTACTAG  
 AGAAGGCAGGCAGAGTGGTGAAGCTTTTGTGAACCTTGAGTCAGAAGATGATGTAATAATTGGCTCTGAAA  
 AAAGACAGGGAAGCATGGGACACCGGTATATTGAGGTGTTCAAGTCACACAGAACCAGATGGATTGGG  
 TGTTGAAGCACAGTGGTCCAAACAGCGCCGACAGTGCCAAATGATGGCTTTGTGAGGCTTCGGGGACTCCC  
 ATTTGGATGCACAAAGGAAGAAATCGTTCAGTTCTTCTCAGGGTTGAAAATTGTGCCAAACGGGATCACA  
 CTACCTGTGGACCCGGAAGGCAAGATTACAGGGGAGGCCTTCGTTTCAGTTTGCCTCACAAGATTAGCTG  
 AGAAAGCTTTAGGAAGCACAAGGAGAGAATAGGGCACAGGTATATTGAAGTGTTAAGAGCAGTCAGGA  
 GGAAGTTAGATCATACTCAGATCCACCTCTGAAGTTTATGTCTGTGCAAAGGCCTGGGCCTTATGACAGG  
 CCTGGCACAGCCCGGAGGTACATTGGCATTGTGAAACAGGCAGGTCTGGATAGGATGAGGTCTGGTGCCT  
 ATAGTGCAGGCTATGGGGCTATGAAGAATACAGTGGCCTCAGTATGGCTATGGCTTACCACCTGACCT  
 GTTTGGGAGAGACCTCAGCTATTGTCTCTCAGGAATGTATGACCACAGATATGGAGACAGCGAGTTCACA  
 GTGCAGAGCACCACCGCCACTGCGTCCACATGAGAGGGCTGCCCTACAAAGCAACGGAGAACGACATTT  
 ACAACTTCTTCTCCTCAACCTGTGAGAGTTCATATTGAGATTGGTCTGATGGAAGAGTGACGGG  
 AGAAGCTGATGTTGAGTTTGCTACTCATGAAGAAGCAGTGGCAGCTATGTCCAAGGACAGGGCCAACATG  
 CAGCACAGATACATAAGAACTCTTCTGAATTCACAACAGGGGCTAGCAATGGGGCTTATAGCAGCCAGG  
 TGATGCAGGGCATGGGCGTGTGAGTGGCCAGGCAACTTACAGTGGCCTGGAGAGCCAGTCAGTGAAGTGG  
 CTGTTACGGGGCCGGCTACAGCGGTGAGAACAGCATGGGCGGATATGATTAGTATTGATGGAACATTTGA  
 GTTATTTCAATCAGAAAATTTACAGGCAGCCAATAAGCAGTCAAGAGCAGTTTATAACTCTAGAGGAAG  
 CTGGGGACCCACTTTGCACCATGAGTTTGTGAAATCTGGATTAATAAAATTTACCTCTTCAAGTGTCTCA  
 TGCAAATTTTCTTCTAGCATGTAATATTGAGTAAACTAAAATTTTCTTCCGCTTTTCTCAATTAAC  
 ATTTTTGGTAGTATACTTAAGAGTATGTTATCTGAGTTAAGTAGTTAAGTATGTTGAGTGGATCTTTA  
 AGCACACCACAGTGAACACACTGGGATATGACTTTTCTGGAGAACCCAAAGGTCTAGATCCCTGATG  
 CAAAAGAGAAGCATTTCTCATGTTTCTAGTTTATATTTTCAATTAATAATCTTAGGTTAAGTTAAG  
 CTTTTTAAAGTTAGTTTTGAGAATTGAGACACAATACTAATACTGTAGGAATTGGTGGGCCTTGACTT  
 AAAGCTTTCTTTGACTGTGATTTCTTTGGGTGATTTTGTCTAAGTAAACTTGTAAATTTTTTGT  
 AACTAAATTTTTTCTTAAATAAAGACTTTTTTCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_133834

**Insert Size:** 1248 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:**

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:** [BC025481](#), [AAH25481](#)

**RefSeq Size:** 2151 bp

**RefSeq ORF:** 1248 bp

**Locus ID:** 98758

**UniProt ID:** [Q9Z2X1](#)

**Cytogenetics:** 6 F1

**Gene Summary:** Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Plays a role in the regulation of alternative splicing events. Binds G-rich sequences in pre-mRNAs and keeps target RNA in an unfolded state (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the shortest transcript. Variants 1-7 encode the same protein.