

## Product datasheet for **MC205488**

### Hinfp (NM\_172162) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hinfp (NM_172162) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hinfp
Synonyms:	AA589481; HiNF-P; Mizf
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC029091  
 CCGACGCGTGGGCGGACGCGTGGGCAGCGGCGCTGGCAGGTAAAGGCCATGTGCGCTCCTGGAAAAATTC  
 CCCGGAAGGAGAACCTGGGGCTCCAGTGTGAGTGGGGTCTGCTCCTTTGTGTGCTCGGCCATGGAGGA  
 GTTCTTCGACCATGTCACTCAGCACCTGCAGCAGCACATGCATGGCTCTAAGGAAGAAGAGGAAGAGGAC  
 CCATTGAGGAAGAATTCCTGCTTGTGGCAGGAATGTGGCTTTTGCTCTCTGGACAGTTCTGCCGACC  
 TCATCCGCCATGTCTACTTCCACTGCTACCACACCAAGCTAAAACAGTGGGGGCTGCAAGCCTTACAAG  
 CCAGGCTGACCTCAGCCCCTGCATCCTGGACTTTCAGAGCCGGAACGTCATCCCTGACACCCCTGACCAT  
 TTCTGTGCCTGTGGGAACATTGCGAGAGTGTCTTCGACAATCCTGAGTGGTTCTATCGGCATGTGGATG  
 CGCACAGCCTGTGCTGTGAATACCAAGCTGTCAGCAAGGACAACCATGTGGTGCAGTGTGGCTGGAAGG  
 CTGTACCTGTACCTTCAAGGACCGGTGTAAGCTTCGAGAACACCTCCGCAGCCACACCCAGGAGAAGGTG  
 GTGGCCTGTCCCACCTGTGGGGCATGTTGCCAACAACCAAGTTCTTAGATCACATCCGTCGCCAGA  
 CCTCATTGGATCAGCAGCGATTCCAGTGTCCCACTGTTCCAAGAGATTTGCCACAGAGAGGCTCTTGCG  
 TGACCACATGCGGAACCATGTGAATCACTATAAATGCCCTTTGTGTGACATGACCTGCCACTGCCTTCT  
 TCCCTCCGGAATCACATGCGCTTTCGACACAGTGAAGACCCATAAATGTGACTGTTGTGACTACA  
 GCTGTAAGAATTTGATTGACCTCCGGAAGCACCTAGACACCCACAGCAAGGAGTCAAGCCTACAGGTGTA  
 CTTTGAGAACTGCAATTTCAAGTGCAGGTCAGTCAAGTCCCATCACCGCAAAGTGCATGAA  
 GCGACTCAGAGCAAGGTACAAATGTCATGTCTGTGACAAATGCTTACACGTGGAACAACCTCACTG  
 TGCACCTTCGCAAGAAGCACCAGTTCAAGTGGCCCTCAGGACACCCCTCGCTTTCGGTACAAGGAACATGA  
 AGATGGCTACATGCGACTGCAGCTAGTTCGGTATGAGAGTGTGGAGCTGACACAGCAGTTGCTGCAGCAG  
 TTACAAGAAGGATCAGATCCGGGATTGGCACTGAATGAGAGCAGCCTGCAGGGCATTGTTCTGGAACAG  
 TGCTAGGGGGCCAGGACCTGAGGAAGAGACAGAAGAGGAAGGTAGGGTTGTTGAGGGAACAGCTCTCTC  
 AGCTTCTCAGGACAACCCAGCTCAGCCATTATATGGTCAGTCAAGTCAAGCACCACCAAGGCCAGCAGCAG  
 ATTTGCTACTGTGACTGTCTGAAGGCCAGGAGAGCCCCGCCAGTCTCCGAAACCTTCAAGAGATG  
 GAAAAGCTCGAGGAACCTGAGGAGCCAGGTCAGGTGGGCTGAGGCTGCAGAGTGTGGCCGCTGCTGCT  
 CCACATCTTGAAGTTTGAGCTGGCAGGAAGCGGTGCCCCAGGGTCAAGCCTTTGTTCTGGATGCCTTT  
 AGAAGTGGTGCTGAGAGCAGTGTGTTCCCTCTGACTCAGAAGGCATCATTCTATAGACTCTGGGGAGTT  
 GGAGTCATTGAGGAAATCCTACATGTATGTTCTTATTAGAGGAGCTGTTACCAGGTTTAAGTGTACTCCC  
 TTGGCATGCTAGACAGTAAGTATTTAGTCTACATCCATTCCAATTTCCAGGGATCCATCGATCCATTGAC  
 CCAGGGATGAGGGACTGTTCTTTCCAAGGGCTGTTTCTCACTGTTAGTTACGCATTGAGAACCAGGTGC  
 CATTTCTCTCAAGGTTTCTTTTACATTCCAGGGACACTTGTATCTTCAGGGACACGATTATAGATACT  
 GTGTATGTGTGGCAGTTGCTTTTGGGGAATAAAAGAACTTGGGCTGTTAAAAAAAAAAAAAAAAAAAA AAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_172162

**Insert Size:** 1512 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:** [BC029091](#), [AAH29091](#)

**RefSeq Size:** 2104 bp

**RefSeq ORF:** 1512 bp

**Locus ID:** 102423

**UniProt ID:** [Q8K1K9](#)

**Cytogenetics:** 9 A5.2

**Gene Summary:** Transcriptional repressor that binds to the consensus sequence 5'-CGGACGTT-3' and to the RB1 promoter. Transcriptional activator that promotes histone H4 gene transcription at the G1/S phase transition in conjunction with NPAT. Also activates transcription of the ATM and PRKDC genes. Autoregulates its expression by associating with its own promoter.  
[UniProtKB/Swiss-Prot Function]