

Product datasheet for **SC307837**

HINFP (NM_198971) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HINFP (NM_198971) Human Untagged Clone
Tag:	Tag Free
Symbol:	HINFP
Synonyms:	HiNF-P; MIZF; ZNF743
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC307837 representing NM_198971.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCCGCCTCTGGGAAAGTTCCCCGAAAGGAGAATCTGTGGCTACAGTGTGAGTGGGGTCTGCTCC
TTTGTGTGCTCAACCATGGAAAAGTTCTTTGAGCATGTCACTCAGCACCTGCAGCAGCACCTGCATGGC
TCTGGGAGGAGGAGGAAGAGGAAGAGGAGGATGACCCACTTGAGGAAGAATTCTCTGCTTGTGGCAG
GAATGTGGCTTTTGTCTCTGGACAGTTCTGCTGACCTCATCCGCCATGTCTACTTCCACTGCTACCAC
ACCAAGCTGAAACAGTGGGGGCTGCAGGCCTTGCAAAGCCAGGCTGACCTTGCCCTGCATCCTGGAC
TTCCAGAGCCGGAACGTATCCCTGATATCCCTGACCCTTCTGTGTCTGTGGGAGCACTGTGAGAAT
TCCTTCGACAATCCTGAGTGGTTTTATCGGCATGTGGAAGCACACAGTCTGTGCTGTGAATACGAAGCA
GTCGGCAAGGACAACCCGGTGGTGTGTGTGGCTGAAAGGCTGTACCTGCACCTTCAAGGACCGCAGT
AAACTTCGAGAGCACCTCCGAGCCATACCCAGGAGAAAGTGGTAGCCTGCCACCTGTGGGGCATG
TTTGCCAAACAATACCAAGTTCTTAGATCACATCCGTCGCCAGACCTCATTGGATCAGCAGCACTTCCAG
TGTTCTCACTGTTCCAAGAGATTGGCCACAGAGCGGCTATTGCGGGACCACATGCCAACCATGTGAAT
CACTATAAGTGCCCTCTGTGTGACATGACCTGCCCGCTGCCTTCCCTCCCGCAACCACATGCGCTTT
CGTCACAGTGAGGACCGCCCTTAAATGTGACTGTTGTGACTACAGTGCAAGAATCTTATTGACCTC
CAGAAGCACCTGGATACCCACAGCGAGGAGCCAGCCTACAGGTGTGATTTGAGAACTGCACCTTCAGT
GCCCGATCCCTCTGCTCTATCAAGTCCCATTACCGCAAAGTACATGAAGGAGACTCTGAGCCAAGGTAC
AAATGTGATGTGTGACAAATGCTTACACGGGGCAACAACCTCACCGTGCACCTTCGCAAGAAGCAC
CAGTTCAGTGGCCCTCAGGGCATCCCCGTTTTCGGTACAAGGAACATGAAGATGGCTATATGCGGCTG
CAGCTGGTTCGCTACGAGAGTGTAGAGCTGACACAGCAACTGCTCGGCAACCACAAGAGGGATCGGGC
CTGGGAACGTGCTGAACGAGAGCAGCCTGCAGGGCATTATTCTAGAAACAGTGCCAGGGGAGCCAGGA
CGTAAGGAAGAGGAAGAGGAGGGCAAGGGTAGCGAAGGGACAGCCCTCTAGCCTCTCAGGACAACCCC
AGTTCTGTATCCACGTGGTGAATCAGACCAATGCCCAAGGCCAGCAAGAGATTGTACTATGTGCTG
TCTGAAGCCCCAGGGGAGCCTCCCCAGCCCTGAGCCACCTTCAAGGGGCATCATGAAAAGCTTCAA
GGAATAGCTGAGGAGCCAGAGATCCAGATGGTTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN: NM_198971

Insert Size: 1554 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_198971.2](#)

RefSeq Size: 2257 bp

RefSeq ORF: 1554 bp

Locus ID: 25988

UniProt ID: [Q9BQA5](#)

Cytogenetics: 11q23.3

Protein Families: Transcription Factors

MW: 59.7 kDa

Gene Summary: This gene encodes a transcription factor that interacts with methyl-CpG-binding protein-2 (MBD2), a component of the MeCP1 histone deacetylase (HDAC) complex, and plays a role in DNA methylation and transcription repression. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Aug 2011]
Transcript Variant: This variant (2), as well as variants 1, 5, 6, and 7, encodes isoform 1.