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Product datasheet for SC112649

HINFP (NM_015517) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HINFP (NM_015517) Human Untagged Clone
Tag:	Tag Free
Symbol:	HINFP
Synonyms:	HiNF-P; MIZF; ZNF743
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_015517, the custom clone sequence may differ by one or more nucleotides

ATGCCGCCTCCTGGGAAAGTTCCCCGAAAGGAGAATCTGTGGCTACAGTGTGAGTGGGGGTCCTGCTCCT
TTGTGTGCTCAACCATGGAAAAGTTCTTTGAGCATGTCACTCAGCACCTGCAGCAGCACCTGCATGGCTC
TGGGGAGGAGGAGGAAGAGGAAGAGGAGGATGACCCACTTGAGGAAGAATTCTCCTGCTTGTGGCAGGAA
TGTGGCTTTTGTTCTCTGGACAGTTCTGCTGACCTCATCCGCCATGTCTACTTCCACTGCTACCACACCA
AGCTGAAACAGTGGGGGCTGCAGGCCTTGCAAAGCCAGGCTGACCTTGGCCCCTGCATCCTGGACTTCCA
GAGCCGGAACGTCATCCCTGATATCCCTGACCACTTCCTGTGTCTGTGGGAGCACTGTGAGAATTCCTTC
GACAATCCTGAGTGGTTTTATCGGCATGTGGAAGCACACAGTCTGTGCTGTGAATACGAAGCAGTCGGCA
AGGACAACCCGGTGGTGCTGTGTGGCTGGAAAGGCTGTACCTGCACCTTCAAGGACCGCAGTAAACTTCG
AGAGCACCTCCGCAGCCATACCCAGGAGAAAGTGGTAGCCTGCCCCACCTGTGGGGGCATGTTTGCCAAC
AATACCAAGTTCTTAGATCACATCCGTCGCCAGACCTCATTGGATCAGCAGCACTTCCAGTGTTCTCACT
GTTCCAAGAGATTTGCCACAGAGCGGCTATTGCGGGACCACATGCGCAACCATGTGAATCACTATAAGTG
CCCTCTGTGTGACATGACCTGCCCGCTGCCTTCCTCCCTCCGCAACCACATGCGCTTTCGTCACAGTGAG
GACCGGCCCTTTAAATGTGACTGTTGTGACTACAGCTGCAAGAATCTTATTGACCTCCAGAAGCACCTGG
ATACCCACAGCGAGGAGCCAGCCTACAGGTGTGATTTTGAGAACTGCACCTTCAGTGCCCGATCCCTCTG
CTCTATCAAGTCCCATTACCGCAAAGTACATGAAGGAGACTCTGAGCCAAGGTACAAATGTCATGTGTGT
GACAAATGCTTCACACGGGGCAACAACCTCACCGTGCACCTTCGCAAGAAGCACCAGTTCAAGTGGCCCT
CAGGGCATCCCCGTTTTCGGTACAAGGAACATGAAGATGGCTATATGCGGCTGCAGCTGGTTCGCTACGA
GAGTGTAGAGCTGACACAGCAACTGCTGCGGCAACCACAAGAGGGATCGGGCCTGGGAACGTCGCTGAAC
GAGAGCAGCCTGCAGGGCATTATTCTAGAAACAGTGCCAGGGGAGCCAGGACGTAAGGAAGAGGAAGAGG
AGGGCAAGGGTAGCGAAGGGACAGCCCTCTCAGCCTCTCAGGACAACCCCAGTTCTGTCATCCACGTGGT
GAATCAGACCAATGCCCAAGGCCAGCAAGAGATTGTCTACTATGTGCTGTCTGAAGCCCCAGGGGAGCCT
CCCCCAGCCCCTGAGCCACCTTCAGGGGGCATCATGGAAAAGCTTCAAGGAATAGCTGAGGAGCCAGAGA
TCCAGATGGTTTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015517 unedited
CACCCTGTCAGGAATTGTATACGACTCATATAGGCGGCCGCGCAATTCGCACGCAGCAGG
TGGTGAGAACAGCTGAAGAGACCTGGAGCCGACAGACGGGTGAAGGCCATGCCGCCTCCT
GGGAAAGTTCCCCGAAGGAGAATCTGTGGCTACAGTGTGAGTGGGGGTCCTGCTCCTTTG
TGTGCTCAACCATGGAAAAGTTCTTTGAGCATGTCACTCAGCACCTGCAGCAGCACCTGC
ATGGCTCTGGGGAGGAGGAGGAAGAGGAAGAGGAGGATGACCCACTTGAGGAAGAATTCT
CCTGCTTGTGGCAGGAATGTGGCTTTTGTTCTCTGGACAGTTCTGCTGACCTCATCCGCC
ATGTCTACTTCCACTGCTACCACACCAAGCTGAAACAGTGGGGGCTGCAGGCCTTGCAAA
GCCAGGCTGACCTTGGCCCCTGCATCCTGGACTTCCAGAGCCGGAACGTCATCCCTGATA
TCCCTGACCACTTCCTGTGTCTGTGGGAGCACTGTGAGAATTCCTTCGACAATCCTGAGT
GGTTTTATCGGCATGTGGAAGCACACAGTCTGTGCTGTGAATACGAAGCAGTCGGCAAGG
ACACCCCGGTGGTGCTGTGTGGCTGGAAAGGCTGTACCCTGCACCTTCAAGGACCGCAGT
AAACTTTTAGAGCACCTTCGCAGCCATACCCAGGAAGAAAGTGGTAGCCTGCCCCACCTG
TGGGGGCCATGTTGTCTCCAATACCAAGTTCTTAGATCACATCCGTCGGCCAGACTCATT
GGATCAGCAGCACTTCCAGTGTTTTTACTGTTCCTAGAGATATGCCACAGAGCGGGCTAT
TGCGGGGACCACATGCCCAACCATGTGAAACCCTATACAACGCCCTCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015517 unedited
CGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAGAGTCCAAGCATTTATTTT
ATTACCAAAAACAATTTGTTAATAAACACGCTCAATGCCTCCAATCCTGTCCCTGAGGAT
AATCATGAAAGTCCTTGGGGTTGTAGAGGAAACCTTAAGAGGAAAATGGCTACTTGGTTA
TCAATGCCTTGGCTGGTGACAAAGAAAGGACCCTTGCAGGGACCAGTCACATGCCATCCT
TGGGCCTAAGGAGCCCGAAAGATGGGAATGGATGTGAGCTAAGGATTTAATCACTGTCAA
GCAGATCTTGAGGGTTATGGTTAAGCCTGATAACAGCCTCTTTAACAAGAACACACACAT
CCAGGATCCCCTCAAAGAATCCAGAGTCCTCAGGCTCCCCACAAAATGTAGTCTGGCAGA
AAAGGGAAGTCTTTAGAGTCTGCAGAATGATGCAAACCCAGGCCAGAGTGGACCACACTG
CTCTCGGCACCACTCCTAAAGGCATCCATTGGCAACGGCTGCCCACTANGGGCACTGCCA
CTTGCCTGGCTCAAACTTCAGGACCTGNGGAAGAAATGGTCTGGCTATGCGGCCTTCAAA
CCATCTGGATCTCTGGGCTCTCAGCTATTCCTTGAAGCTTTTCCATGATGCCCCCTGAAG
GTGGCTCAGGNNGCTGGGGAGGCTCCCCTGGGGCTTAGACAGCACATAGTAGACAATCTC
TTGCTGGCCTTGGCATTGGTCTGATTACCACGTGATGACAGAACTGGGTTTGTCCTGANA
AGCTGAAAGGCCTGTCCTTTCGCTACCTTNGCCCTNCTCTTCCTTTTCTTACGNNCTGGC
TCCCCTGGCACTGNTTCTAGAATAATGCCTGCAGGCTGNTCTCGTTTCACGACGTTTCAA
GCCCGATCCTTTTGTGGTGCCGCACAATTGCTGTGTANTTTTACCTTTCGTAGGACACAT
TGAACCCCATTTACCATTTCATGTCTCTGGTACGAAACGGGATAGCCTTGAGCCACTGTA
CTGTGGCTCTGCCAAGTCCCGGGAGGTGTTCCCCN

Restriction Sites: NotI-NotI

ACCN: NM_015517

Insert Size: 2390 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: NM_015517.3, NP_056332.2

RefSeq Size: 2319 bp

RefSeq ORF: 1554 bp

Locus ID: 25988

UniProt ID: Q9BQA5

Cytogenetics: 11q23.3

Domains:	zf-C2H2
Protein Families:	Transcription Factors
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 (1), as well as variants 2, 5, 6, and 7, encodes isoform 1.