

Product datasheet for **SC215991**

HIPPI (IFT57) (NM_018010) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HIPPI (IFT57) (NM_018010) Human 3' UTR Clone
Symbol:	HIPPI
Synonyms:	ESRRBL1; HIPPI; MHS4R2; OFD18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018010
Insert Size:	1695 bp



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Insert Sequence: >SC215991 3'UTR clone of NM_018010
 The sequence shown below is from the reference sequence of NM_018010. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTCCAGAACCAGCAACAGGCTTTTATAAAAAACATACTGGTTTTTCATGTTTCTGATTAGTTGGGTTTTT
TATATCAAACATATTTTCATGTTGCATAGATTTCAAACATAATTTTATGTTCAATGGGTATTTTTTTA
CATATACATACTCACATATTATATCATGGTGATTATGATGGTTAAAGCCTTTACACTGAATGTAATGTT
TAATAAAGAAATTACAAATTCCTACTTTCTAAGAAGCTTTCACTAATCATTACCTATGTTAAAGCTCCC
ACCTGGTGGCTCATTTTTCATAGCATTCTTGTGAAGCCAAGGTATATGACCTGCGTTTTCTGCAGAT
GCTGCTGCTGCACAACATGAACTGCTGACACAGTCCTTTACCTTGCTCCACCTCTGCAGTGATCATAA
GTGCTTTGTGCCAGAGGCCACTGAAGATGGTAGGCAGGATTCTTTCCAAGAACCCAAACTGCCTTTGC
CTCAGCTTTATGGTTACCTAAAATTGCCACTTTTTTTAGGTTAAAAAAAACCTCAGTATCCTCATTAAAC
ATTTGAAGTTGGTTTTCTATGAATATTTCTGGCTAAAATGATTTTATAGGGAATCTATCTTCTAGGAT
CTAAGCCACTAAATAAAAGGATAAATGAATGATGATAAGTCAGTCACTCATGTTTGACTCTGTTCTTAG
AATGAAGAGAAGGTGCATATGCATGTCTCAATTTCTACCTTTTTCTGTGGTATCGGCTATACTAGGGAA
CCATTTTGTAGAAGAAGGAACGATGACAGGTCGCATGAAGATCAGCCTCTAGTACTGATGATCTTTACT
TATGCATCTTCTGAGCAACTTTCTAGGCTAGGATTTCTAAATTTGGTAAAAAAGCAGCATTAGAGTGC
CAGAATTAGCACTGGGGAAAACTGGCCAGGGGAACACAAAAGCAGGAGACAGCCTGCGTTAATTTTTTTT
TTTTAATAATTTTCAAAGCAGTGGTAGAAAATTTGATAAGAATGCTTTATGTTTAGGACAACAAAAAT
AATTTTAAAAAGTTATTTTTTACCCTAATACTTTTCTCCACTGAATATTATTTTTTTCTTAGCTTT
TTCTTTCTAGATGTATTTCCCAACATGCTCACATACACAGATCTTTCCCTTTCTTACTAGACCTCTCT
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GCATTTTTTAAAACTGAAGTTGCTTTTTCTGTGTGGTCTTTGGGAGGAGTCTAATACAAAACTGA
AAACCTTTGGTCTGGGAATTTATTTTCATGGCTGTTGTCATGGCTGAGTAGTTTTTTGATGAATCAA
TCAATGCAGAGAACGCTTTTAGATAAATCAGAACTCTCCTTAAATGCATTTCAATCAGAAGCAAAGTA
CACCCATTATTTATGCAGACATGTAATAAATCTAAAAATCTTGAATGAGTAGTATAAGCCACCTATT
TTTACTTCTTCTGAAATATCCAGTAACTCAGCTTGGGTTCTGTGCTCCTCTCTCTCTATAG
AACACTGTGCATACCTTGAATAAAGAGCTTATTATACTA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_018010.4](#)

Summary: Required for the formation of cilia. Plays an indirect role in sonic hedgehog signaling, cilia being required for all activity of the hedgehog pathway (By similarity). Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'-AAAGACATG-3' present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear.
[UniProtKB/Swiss-Prot Function]

Locus ID: 55081

MW: 65.7