

Product datasheet for **SC211811**

HFE (NM_139004) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HFE (NM_139004) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HFE
Synonyms:	HFE1; HH; HLA-H; MVCD7; TFQTL2
ACCN:	NM_139004
Insert Size:	2000 bp



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Insert Sequence: >SC211811 3'UTR clone of NM_139004
 The sequence shown below is from the reference sequence of NM_139004. 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
GGGCACTACGTCTTAGCTGAACGTGAGTGACACGACCTGCAGACTCACTGTGGGAAGGAGACAAAAC
TAGAGACTCAAAGAGGGAGTGCATTTATGAGCTTTCATGTTTCAGGAGAGAGTTGAACCTAAACATAG
AAATTGCCTGACGAACTCCTTGATTTTAGCCTTCTGTTCATTTCTCAAAAAGATTTCCCATTTAG
GTTTCTGAGTTCCTGCATGCCGGTATCCCTAGCTGTGACCTCTCCCTGGAAGTGTCTCTCATGAACC
TCAAGTGCATCTAGAGGCTTCTTTCATTTCTCCGTCACCTCAGAGACATACACCTATGTCATTTTCAT
TTCCTATTTTTGGAAGAGGACTCCTTAAATTTGGGGGACTTACATGATTCATTTTAAACATCTGAGAAAA
GCTTTGAAACCCTGGGACGTGGCTAGTCATAACCTTACCAGATTTTACACATGTATCTATGCATTTTCT
GGACCCGTTCAACTTTTCTTTGATCCTCTCTGTGTTACCCAGTAACCTCATCTGTCCACCAAGCCTT
GGGGATTCTTCCATCTGATTGTGATGTGAGTTGCACAGCTATGAAGGCTGTACACTGCACGAATGGAAG
AGGCACCTGTCCCAGAAAAGCATCATGGCTATCTGTGGGTAGTATGATGGGTGTTTTAGCAGGTAGG
AGGCAATATCTTGAAAGGGTGTGAAGAGGTGTTTTTCTAATTGGCATGAAGGTGTCATACAGATT
TGCAAAGTTAATGGTGCCTTCAATTTGGGATGCTACTCTAGTATCCAGACCTGAAGAATCAACAATAAT
TTTCTACCTGGTCTCTCCTTGTCTGATAATGAAAATTATGATAAGGATGATAAAAGCACTTACTTCGT
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GTAAATCCAGCACTTTGGGAGGCCAAAGCGGGTGGATCACGAGGTCAGGAGATCGAGACCATCCTGGCT
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AGTTTGCGCCACTGCACTCCAGCCTAGGTGACAGAGTGAGACTCCATCTCAAAAAATAAAAAATAAAAA
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TTCAAACCTCAGTCAATCTGACCGTTTGATACATCTCAGACACCACTACATTCAGTAGTTTAGATGCCTA
GAATAAATAGAGAAGGAAGGAGATGGCTCTTCTGTCTCATTGTGTTTCTTCTGAGTGAGCTTGAAT
CACATGAAGGGGAACAGCAGAAAACAACCAACTGATCCTCAGCTGTCATGTTTCTTTAAAAGTCCCTG
AAGGAAGTCCCTGGAATGTGACTCCCTTGCTCCTCTGTTGCTCTTTGGCATTCAATTTCTTTGGACCC
TACGCAAGGACTGTAATTGGTGGGACAGCTAGTGGCCCTGCTGGGCTTACACACGGTGTCTCCCTA
GGCCAGTGCCTCTGGAGTCAGAACTCTGGTGGTATTTCCCTCAATGAAGTGGAGTAAGCTCTCTCATTT
TGAGATGGTATAATGGAAGCCACCAAGTGGCTTAGAGGATGCCAGGTCTTCCATGGAGCCACTGGGG
TTCCGGTGCACATTAATAAAAAAATCTAACCAGGACATTCAGGAATTGCTAGATTCTGGGAAATCAGTT
CACCATGTTCAAAAGAGTCTTTTTTTTTTTTTGAGACTCTATTGCCAGGCTGGAGTGCATGGCAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_139004.3](#)

Summary:

The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

3077

MW:

75.5