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# Product datasheet for SC211810

## HFE (NM_139008) Human 3' UTR Clone

### Product data:

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|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | HFE (NM_139008) Human 3' UTR Clone |
| **Symbol:** | HFE |
| **Synonyms:** | HFE1; HH; HLA-H; MVCD7; TFQTL2 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_139008 |
| **Insert Size:** | 2000 bp |

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**Insert Sequence:**

>SC211810 3'UTR clone of NM_139008
The sequence shown below is from the reference sequence of NM_139008. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGCACTACGTCTTAGCTGAACGTGAGTGACACGCAGCCTGCAGACTCACTGTGGGAAGGAGACAAAAC
TAGAGACTCAAAGAGGGAGTGCATTTATGAGCTCTTCATGTTTCAGGAGAGAGTTGAACCTAAACATAG
AAATTGCCTGACGAACTCCTTGATTTTAGCCTTCTCTGTTCATTTCCTCAAAAAGATTTCCCCATTTAG
GTTTCTGAGTTCCTGCATGCCGGTGATCCCTAGCTGTGACCTCTCCCCTGGAACTGTCTCTCATGAACC
TCAAGCTGCATCTAGAGGCTTCCTTCATTTCCTCCGTCACCTCAGAGACATACACCTATGTCATTTCAT
TTCCTATTTTTGGAAGAGGACTCCTTAAATTTGGGGGACTTACATGATTCATTTTAACATCTGAGAAAA
GCTTTGAACCCTGGGACGTGGCTAGTCATAACCTTACCAGATTTTTACACATGTATCTATGCATTTTCT
GGACCCGTTCAACTTTTCCTTTGAATCCTCTCTCTGTGTTACCCAGTAACTCATCTGTCACCAAGCCTT
GGGGATTCTTCCATCTGATTGTGATGTGAGTTGCACAGCTATGAAGGCTGTACACTGCACGAATGGAAG
AGGCACCTGTCCCAGAAAAAGCATCATGGCTATCTGTGGGTAGTATGATGGGTGTTTTTAGCAGGTAGG
AGGCAAATATCTTGAAAGGGGTTGTGAAGAGGTGTTTTTTCTAATTGGCATGAAGGTGTCATACAGATT
TGCAAAGTTTAATGGTGCCTTCATTTGGGATGCTACTCTAGTATTCCAGACCTGAAGAATCACAATAAT
TTTCTACCTGGTCTCTCCTTGTTCTGATAATGAAAATTATGATAAGGATGATAAAAGCACTTACTTCGT
GTCCGACTCTTCTGAGCACCTACTTACATGCATTACTGCATGCACTTCTTACAATAATTCTATGAGATA
GGTACTATTATCCCCATTTCTTTTTTAAATGAAGAAAGTGAAGTAGGCCGGGCACGGTGGCTCACGCCT
GTAATCCCAGCACTTTGGGAGGCCAAAGCGGGTGGATCACGAGGTCAGGAGATCGAGACCATCCTGGCT
AACATGGTGAAACCCCATCTCTAATAAAAATACAAAAAATTAGCTGGGCGTGGTGGCAGACGCCTGTAG
TCCCAGCTACTCGGAAGGCTGAGGCAGGAGAATGGCATGAACCCAGGAGGCAGAGCTTGCAGTGAGCCG
AGTTTGCGCCACTGCACTCCAGCCTAGGTGACAGAGTGAGACTCCATCTCAAAAAAATAAAAATAAAAA
TAAAAAAATGAAAAAAAAAAAGAAAGTGAAGTATAGAGTATCTCATAGTTTGTCAGTGATAGAAACAGGT
TTCAAACTCAGTCAATCTGACCGTTTGATACATCTCAGACACCACTACATTCAGTAGTTTAGATGCCTA
GAATAAATAGAGAAGGAAGGAGATGGCTCTTCTCTTGTCTCATTGTGTTTCTTCTGAGTGAGCTTGAAT
CACATGAAGGGGAACAGCAGAAAACAACCAACTGATCCTCAGCTGTCATGTTTCCTTTAAAAGTCCCTG
AAGGAAGGTCCTGGAATGTGACTCCCTTGCTCCTCTGTTGCTCTCTTTGGCATTCATTTCTTTGGACCC
TACGCAAGGACTGTAATTGGTGGGGACAGCTAGTGGCCCTGCTGGGCTTCACACACGGTGTCCTCCCTA
GGCCAGTGCCTCTGGAGTCAGAACTCTGGTGGTATTTCCCTCAATGAAGTGGAGTAAGCTCTCTCATTT
TGAGATGGTATAATGGAAGCCACCAAGTGGCTTAGAGGATGCCCAGGTCCTTCCATGGAGCCACTGGGG
TTCCGGTGCACATTAAAAAAAAAATCTAACCAGGACATTCAGGAATTGCTAGATTCTGGGAAATCAGTT
CACCATGTTCAAAAGAGTCTTTTTTTTTTTTTTGAGACTCTATTGCCCAGGCTGGAGTGCAATGGCAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**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_139008.3

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| **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 |

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