

Product datasheet for **SC206188**

Ferritin Heavy Chain (FTH1) (NM_002032) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ferritin Heavy Chain (FTH1) (NM_002032) Human 3' UTR Clone
Symbol:	Ferritin Heavy Chain
Synonyms:	FHC; FTH; FTHL6; HFE5; PIG15; PLIF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002032
Insert Size:	472 bp
Insert Sequence:	>SC206188 3'UTR clone of NM_002032 The sequence shown below is from the reference sequence of NM_002032. 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
ACCCTGGGAGACAGTGATAATGAAAGCTAGCCTCGGGCTAATTTCCCCATAGCCGTGGGGTGACTTCC
CTGGTCACCAAGGCAGTGCATGCATGTTGGGGTTTCTTTACCTTTTCTATAAGTTGTACCAAAACATC
CACTTAAGTTCTTTGATTTGTACCATTCTTCAAATAAAGAAATTTGGTACCCAGGTGTTGTCTTTGAG
GTCTTGGGATGAATCAGAAATCTATCCAGGCTATCTTCCAGATTCCTTAAGTGCCGTTGTTCAAGTTCTA
ATCACACTAATCAAAAAGAAACGAGTATTGTATTATTAAACTCATTAGTTGGGAGTATACTAAGG
TGTGGCTGTCTTGATTAGATAGAAGTAAAGGGTCCCGACTCTGAATCCAGAGTCTGAGTTAAATGTT
TCCAATGGTTCAGTCTAGCTTTACAGTTTTTATGAATAAAAGGCATTAAGGCTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_002032.3](#)

Summary: This gene encodes the heavy subunit of ferritin, the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]

Locus ID: 2495

MW: 17.4