

Product datasheet for **SC201612**

Ferritin Light Chain (FTL) (NM_000146) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ferritin Light Chain (FTL) (NM_000146) Human 3' UTR Clone
Symbol:	Ferritin Light Chain
Synonyms:	LFTD; NBIA3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000146
Insert Size:	174 bp
Insert Sequence:	>SC201612 3'UTR clone of NM_000146 The sequence shown below is from the reference sequence of NM_000146. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TTCGAAAGGCTCACTCTCAAGCACGACT AA GAGCCTTCTGAGCCCAGCGACTTCTGAAGGGCCCTTGC AAAGTAATAGGGCTTCTGCCTAAGCCTCTCCCTCCAGCCAATAGGCAGCTTTCTTAACATCCTAACAA GCCTTGGACCAAATGGAATAAAGCTTTTTGATGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_000146.4</u>



[View online »](#)

Summary:

This gene encodes the light subunit of the ferritin protein. Ferritin is 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 this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]

Locus ID:

2512

MW:

6.6