

## Product datasheet for **SC202571**

### Lactoferrin (LTF) (NM\_002343) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Lactoferrin (LTF) (NM\_002343) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LTF  
**Synonyms:** GIG12; HEL110; HLF2; LF  
**ACCN:** NM\_002343  
**Insert Size:** 580 bp  
**Insert Sequence:** >SC202571 3'UTR clone of NM\_002343  
The sequence shown below is from the reference sequence of NM\_002343. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGAAGCCTGTGAATTCCTCAGGAAGTAAACCGAAGAAGATGGCCAGCTCCCCAAGAAAGCCTCAG
CCATTCACTGCCCCAGCTCTTCTCCCGAGGTGTGTTGGGCTTGGCCCTCCCTGCTGAAGGTGGGGA
TTGCCCATCCATCTGCTTACAATTCCTGCTGTGCTTAAAGCAAGAAGTAAAATGAGAAATTTTGTGA
TATTCTCTCCTTATAAAGTGTCACCTCATCTTTTCTAGAATTTTATACTGAAATCAGATGCCTGACAAAA
TACCTGTACAGTTGGACCTTCCCTTCCAAGTTTTTTCAGGTCCAGCCCTCCTCTTTCTTGCAGTCTTGG
GTATGATGCCCAAGGGTCTGGAATTTAAGGCCAGGCCAAGCACCGGTTTTCTAAGGGGATCTTGTGG
TTATTCACATAGCTGTCTCAGTGCACGTGCATGTATGTGCCTGGGAGTGTGTGCGTGTCCCAAGGCAG
GGCAGGAAGAGCAAGCATAGGAATTATAACTGAAATGTAGTTTCAGTTGCTCATCACTTGCAGAGTCTA
ATTAACAAGAGCTAGGTTTGGTATAAAG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_002343.6](#)

**Summary:** This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis. Antimicrobial, antiviral, antifungal and antiparasitic activity has been found for this protein and its peptides. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

Locus ID: 4057

MW: 22.5