

## Product datasheet for **SC205421**

### Transferrin (TF) (NM\_001063) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Transferrin (TF) (NM_001063) Human 3' UTR Clone
Symbol:	Transferrin
Synonyms:	HEL-S-71p; PRO1557; PRO2086; TFQTL1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001063
Insert Size:	2000 bp



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**Insert Sequence:** >SC205421 3'UTR clone of NM\_001063  
 The sequence shown below is from the reference sequence of NM\_001063. 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
CTGGAAGCCTGCACTTTCCGTAGACCTTAAATCTCAGAGGTAGGGCTGCCACCAAGGTGAAGATGGGA
ACGCAGATGATCCATGAGTTTGCCTGGTTTCACTGGCCCAAGTGGTTTGTGCTAACCACGTCTGTCTT
CACAGCTCTGTGTGCCATGTGTGCTGAACAAAAATAAAAAATTATTATTGATTTTATATTTCAAAAAC
TCCATTCTTTCTAAATATTTTCAACAAAGGATTTCTTTATGCATTCTGCCTAAATACCTATGCAACTG
AGCCCTTCCTTCTCAGCTCAAGATTCGTCTGGTCTTCCCTACAGCTTTGTGTGCCATGGCCACATC
TCCTGGGTACAGTTCAAGGAGACATCTTTCTAAAAGGGTCTGCGTGATCATTAAATATAATCAAATG
TATACTGGTGTGTGTGCACGTGCGCGTGCCTGTGTCATGCTAAGGAAGGGCAAGAAGGAGGATGCA
GAGTGAGTTACAGAGATCAAGTACTCAAGTGAGTACAGAAAGACTACAGAAGACTTACCTTTATTTGGT
ATTTTAAATGAATTCCATCAGGCTGAGGTCCTGATTCTAACTAGCTGAAAAAAGTAAACACTGACATC
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GCCAGCTTCTGTAAGGTGGAGGCTGACTTTTCTGTCTCACTTATTATTGGCTGAACATACAGAATTT
GGTCTTCTGCTTACCAACTTACCTGAATGTACCCTGGCAAAAGTACCCTTACCTGCCAACTGTAA
ACCAATTCAGGCTTCCATTCTCAGCCATTTCTGACAGTTGATAAAGTTGACCACTCCCTCCTCCTT
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TCTCTCTGCTTCCCTAAACCAACTGTTGTTATAGTATATTCCATATCAGCTGAAGACCTGGTCACTA
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CGTCACCAAGTTCTGTTGATTTTCTTCTAAATAACTTCAGTTGGCTCCTTTCTTTTCTGACTCCTA
ACACAGCCTCATTTATACTCAAATACAGAAGTGCAGATAAGGGGTATCTGGACACAACATTCCACACC
TCTCTCAACTGTCTAGTATTCAAGAAAAATAGGACTCTGGGTCCACTTTGCAGTCCAGACCTGATATGGA
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CTTACCCCAAATCCTATAACTCTGCCTTTTCTTTGTTTGGTGAGATACCCCATGGCTCCCTGGGACG
CAGTCTGTCTCATTGCAATGGATCAATAAACCTAATTTTATTACACTACAGGTATATTCCTGGAAGTCT
TAGACAACCTGGGCTAAAACAAAAATATTCAACATCCATTCTTAATTATTAATTAAGTACTAAAATAGG
ATAGACAGATGTTATTTGGCCATAATTTTATATACATGTAACAAAAAGCTAATACATACCTAATGATGA
AGAAACAGAAGCATTCTACTAAAGTTAGGAACATGAAAAAATGATTACTATCTATCTTATTTTAC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001063.4](#)

**Summary:**

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009]

**Locus ID:**

7018

**MW:**

75.6