

Product datasheet for **SC209514**

CILP (NM_003613) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CILP (NM_003613) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CILP
Synonyms:	CILP-1; HsT18872
ACCN:	NM_003613
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC209514 3'UTR clone of NM_003613

The sequence shown below is from the reference sequence of NM_003613. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAGTTGCTCAACAGCCCTGATCAACTAAGTTTTGGTACTTACCCTTCTGCCCTCATTTCATG
TGACAGCCATTGTGAGACTGATGCACAACTGTCACTTGGTTAATTTAAGCACTTCTGTTTTCGTGAAT
TTGCTTGTGTTTTCTTCATGCCTTTACTTACTTTGTCCCATGCTACTGATTGGCACGTGGCCCCACA
ATGGCACAATAAAGCCCTTTGTGAACTGTTCTTTAAATGAAACACAAGAAATTGGCCACTGGTAAAA
CTCTGCAGCTTCAACTGTACTTCATTTAATGCCATTAATGCAAAATACTTCCTTCTTTTTGCATGG
TTTTGCCACCTCTGCAATAGTGATAATCTGATGCTGAAGATCAAATAACCAATAAAGCATATTTCT
TGGCCTTGCTCCACAGGACATAGGCAAGCCTTGATCATAGTTCATACATAAATGGTGGTAAAATAA
GAAATAAACACAATACTTTTACTTGAATGTAATAACTTATTTATTTCTTTGCTAAATTTGGAATTC
TAGTGACATTCAAAGTTAAGCTATTAATATAGGGTGATCATAGTTCCTCTACCAAGTCTGGAAAGAA
CATCTCCTGGTATCCACAATTACACCAGTTGCTAACTGTATTTGTACATTTCCCTTTGCATTCCGTTT
TGTTCTTGCTAGAAACCCAGTGTAGCCAGGGCAGATGTCAATAAATGCATACTCTGATTTTCGATTCT
GAGGCCACTGTCTGTCTTAACTATTAAGTGAGCCAGCTTCTCAGAGGAGTACAGGGGACTCTGGAAA
GCAGTCACAGGTGGTGAAGTCTCGCCCCCTAAGTTACAGGGCAGGGCAACATAGGCACACACTCCAG
CAGTCAAATTTGTTCTCATGGATCACATTTCCGTTTGCAGAAAAGAGCAGATTCCTGGAGTTGTGAGC
ATGTTCTGGGCTCCTGAGCAAGACTAAAAACACGTCCCGATTTTTTTCTTCTTCTTTCCAATACTTT
GGAGCTTATACAATGGCTTGGCCAGGGTCTGACAAGCTGGCCAAGTGGTCTTTGGCTCTCCCAACAG
CCTGTTGCCTTCTCCAGCTGGGCTGGCCGGCCTCACTCAGAAATGGGCTTTTACTTTTTTTCTTTATGCT
CTTCTAAAGATGTTCAACTTTTCCAGACACCAGATCTCTGTTGTGTGTTACAGACCCTGTCCCTGGAGC
AAAACAATTGGTCCAACCGGCAGAGTTTTGGTTTTGGAAAAGTATTTGGTTTAAAAAGTAAATCAG
AGGCCCATAGGTGGTGCCAGAGCGATCTCAGCGGCATTACAGTCAGGGTAGTGGGGTGTGGGGTTGGAT
AGGATGCACTCACTGCCCTATCCCAACCCCTCCAGAATCTGTCAGGCAAGAGTCCAAAGGGTTGGGA
GAAGAGAGGACTGTTTACAATCAGGACAAAAAGCTTTCCCTGATGCCCTGGCCAGCCTAGTGCAGCT
CCTTTACCATCTCTGGCCTGGGCTGGATTTGTACTCTTGGATCACCATCTGCCCGCTCCTGGGAATT
TGGTTTGAAGCAATTAGAAATTTCTCTAGCTGAGCACATACAATAACCATAGAAAAAGCAAGCATCT
GCAGGAGTGAGGACTAGTGGTCTTGTGATTGCAACTTGACCCACTTCCAGACTCCACATCTGTCCCACT
GCTCCCAGGAAGCAGCTCTCACTGACTGCTTGGGGAGGCTTGACTGCCCTGTTGTGAGTGCACAGCTA
TCTGCAGCACCATCGCCCCAGCCACTTCAGGAGCCAGAGTGCCTGCTGCTTCAACCTGACCACAGTTC
ACTTCAAACCTCACGGGGGGAGGGGGAGGGTTCGGGGGGGGTGGGTTGCTGGGGAAGGTGGGCTGACTGG
TTCCCCACTCTAGGGCACTTTCTTGTCTCAATTGAGGGCCTGAATAAATGGACTCCAGCACAC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_003613.4](#)

Summary: Major alterations in the composition of the cartilage extracellular matrix occur in joint disease, such as osteoarthritis. This gene encodes the cartilage intermediate layer protein (CILP), which increases in early osteoarthritis cartilage. The encoded protein was thought to encode a protein precursor for two different proteins; an N-terminal CILP and a C-terminal homolog of NTPPHase, however, later studies identified no nucleotide pyrophosphatase phosphodiesterase (NPP) activity. The full-length and the N-terminal domain of this protein was shown to function as an IGF-1 antagonist. An allelic variant of this gene has been associated with lumbar disc disease. [provided by RefSeq, Sep 2010]

Locus ID: 8483

MW: 74.9