

## Product datasheet for **SC217003**

### CD130 (IL6ST) (NM\_175767) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD130 (IL6ST) (NM_175767) Human 3' UTR Clone
Symbol:	CD130
Synonyms:	CD130; CDW130; GP130; HIES4; IL-6RB; sGP130
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_175767
Insert Size:	2000 bp



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**Insert Sequence:** >SC217003 3'UTR clone of NM\_175767  
 The sequence shown below is from the reference sequence of NM\_175767. 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
ACCTATGAAGATAACATTGCCTCCTTTTGAAGCCAATGGAAAAATCTTGATTATGAAGTACTCTCAC
AAGATGGAAATCACATTTACAAAATTACACAGTTAATGCCACAAAATGACAGTAAATCTCACAAATGA
TCGCTATCTAGCAACCCTAACAGTAAGAAATCTTGTTGGCAAATCAGATGCAGCTGTTTTAACTATCCC
TGCCTGTGACTTTCAAGCTACTCACCTGTAATGGATCTTAAAGCATTCCCAAAGATAACATGCTTTG
GGTGAATGGACTACTCCAAGGGAATCTGTAAGAAATATATACTTGAGTGGTGTGTGTTATCAGATAA
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CATAAAGGCATACCTTAAACAAGCTCCACCTTCCAAAGGACCTACTGTTCCGACAAAAAAGTAGGGAA
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ATTGTCCTCTTTGACTAGTGACACATTGTACATGGTACGAATGGCAGCATACACAGATGAAGGTGGGAA
GGATGGTCCGAAATTCACCTTTTACTACCCAAAGTTTGTCAAGGAGAAATGAAGCCATAGTCGTGCC
TGTTTGCTTAGCATTCTATTGACAACCTTTCTGGGAGTGTCTGTTCTGCTTTAATAAGCGAGACCTAAT
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AAAAAGTCTTCACTCTCTGAAGATGATCATTTGCCCTTAAGGACAAAAATGAACTGAAGTTTACATGA
GCTATTTCCATTCAGAAATATCTGGGATTTACTTTAAGCACTACATAAACTGACTTTATCCTCAGACT
AGCTGAATGATTTTGTGCTGTTTCAGGATGTTTGCAGTGAAGAAAAACAGAAAGCTTATCTGAAATTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_175767.3](#)

**Summary:**

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17. [provided by RefSeq, May 2014]

**Locus ID:**

3572

**MW:**

78.2