

## Product datasheet for **SC202754**

### CD130 (IL6ST) (NM\_002184) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CD130 (IL6ST) (NM\_002184) Human 3' UTR Clone  
**Symbol:** CD130  
**Synonyms:** CD130; CDW130; GP130; HIES4; IL-6RB; sGP130  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_002184  
**Insert Size:** 232 bp  
**Insert Sequence:** >SC202754 3' UTR clone of NM\_002184  
The sequence shown below is from the reference sequence of NM\_002184. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TACCACAGACTGTACGGCAAGGCGGCTACATGCCTCAGTGAAGGACTAGTAGTTCCTGCTACAACCTCAG  
CAGTACCTATAAAGTAAAGCTAAAATGATTTTATCTGTGAATTCAGATTTAAAAAGTCTTCACTCTCTG  
AAGATGATCATTGGCCCTTAAGGACAAAATGAACTGAAGTTTCACATGAGCTATTTCCATTCCAGAATA  
TCTGGGATTCTACTTTAAGCAC

ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

**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\\_002184.2](#)



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**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