

## Product datasheet for **SC212897**

### CD133 (PROM1) (NM\_001145849) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CD133 (PROM1) (NM\_001145849) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PROM1  
**Synonyms:** AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4  
**ACCN:** NM\_001145849  
**Insert Size:** 1195 bp  
**Insert Sequence:** >SC212897 3'UTR clone of NM\_001145849  
The sequence shown below is from the reference sequence of NM\_001145849. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATACCCATGAAAAACCCATCACAAATGTAGCTGATGTTGAAACTGCTTGAGCATCAGGATACTCAA
AGTGAAAGGATCACAGATTTTGGTAGTTCTGGGTCTACAAGGACTTTCCAAATCCAGGAGCAACGC
CAGTGGCAACGTAGTGACTCAGGCGGGCACCAAGGCAACGGCACCATTTGGTCTCTGGGTAGTGCTTTAA
GAATGAACACAATCACGTTATAGTCCATGGTCCATCACTATTCAAGGATGACTCCCTCCCTTCTGTCT
ATTTTTGTTTTTACTTTTTTACTACTGAGTTTCTATTTAGACTACAACATATGGGGTGTTTGTTCCC
ATTGGATGCATTCTATCAAACTCTATCAAAATGTGATGGCTAGATTCTAACATATTGCCATGTGTGGA
GTGTGCTGAACACACACCAGTTTACAGGAAAGATGCATTTTGTGTACAGTAAACGGTGTATATACCTTT
TGTTACCACAGAGTTTTTAAACAAATGAGTATTATAGGACTTTCTTCTAAATGAGCTAAATAAGTCAC
CATTGACTTCTTGGTGTGTTGAAAATAATCCATTTTCACTAAAAGTGTGTGAAACCTACAGCATATTC
TTCACGCAGAGATTTTCATCTATTATACTTTATCAAAGATTGGCCATGTTCCACTTGAAATGGCATGC
AAAAGCAATCATAGAGAAACCTGCGTAACTCCATCTGACAAATCAAAGAGAGAGAGATCTTGAGA
GAGAAATGCTGTTTCGTTCAAAGTGAGTGTGTTTAAACAGATGCCAATTACGGTGTACAGTTTAAACAGA
GTTTTCTGTTGCATTACGATAAACATTAATTGGAGTGCAGCTAACATGAGTATCATCAGACTAGTATCA
AGTGTCTAAATGAAATATGAGAAGATCCTGTCACAATCTTAGATCTGGTGTCCAGCATGGATGAAA
CCTTTGAGTTTGGTCCCTAAATTTGCATGAAAGCACAAGGTAATATTCATTTGCTTCAGGAGTTTCAT
GTTGGATCTGTCATTATCAAAAGTATCAGCAATGAAGAACTGGTCGGACAAAATTTAACGTTGATGTA
ATGAAATCCAGATGTAGGCATTCACCCAGGTCTTTTCATGTGCAGATTGCAGTTCTGATTCATTTGA
ATAAAAAGGAACCTGGAAAACA
ACGCGTAAGCGCGCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



[View online >](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001145849.2</a></u>
<b>Summary:</b>	This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
<b>Locus ID:</b>	8842
<b>MW:</b>	46.2