

Product datasheet for **SC212895**

CD133 (PROM1) (NM_001145851) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD133 (PROM1) (NM_001145851) Human 3' UTR Clone
Symbol:	CD133
Synonyms:	AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145851
Insert Size:	1195 bp
Insert Sequence:	>SC212895 3'UTR clone of NM_001145851 The sequence shown below is from the reference sequence of NM_001145851. 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
ATACCCATGAAAAACCCATCACAACATTGATAGCTGATGTTGAACTGCTTGAGCATCAGGATACTCAA
AGTGGAAAGGATCACAGATTTTTGGTAGTTTCTGGGTCTACAAGGACTTCCAAATCCAGGAGCAACGC
CAGTGGCAACGTAGTGACTCAGGCGGGCACCAAGGCAACGGCACCATTGGTCTCTGGGTAGTGCTTTAA
GAATGAACACAATCACGTTATAGTCCATGGTCCATCACTATTCAAGGATGACTCCCTCCCTTCTGTCT
ATTTTTGTTTTTACTTTTTTACTGAGTTTCTATTTAGACACTACAACATATGGGGTGTTTGTTCCC
ATTGGATGCATTTCTATCAAACTCTATCAAATGTGATGGCTAGATTCTAACATATTGCCATGTGTGGA
GTGTGCTGAACACACACCAGTTTACAGGAAAGATGCATTTTGTGTACAGTAAACGGTGTATATACTTTT
TGTTACCACAGAGTTTTTAAACAAATGAGTATTATAGGACTTTCTTCTAAATGAGCTAAATAAGTCAC
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TTCACGCAGAGATTTTCATCTATTATACTTTATCAAAGATTGGCCATGTTCCACTTGAAATGGCATGC
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GAGAAATGCTGTTTCGTTCAAAGTGGAGTTGTTTTAACAGATGCCAATTACGGTGTACAGTTTAAACAGA
GTTTTCTGTTGCATTACGATAAAACATTAATTGGAGTGCAGCTAACATGAGTATCATCAGACTAGTATCA
AGTGTCTAAAATGAAATATGAGAAGATCCTGTCACAATCTTAGATCTGGTGTCCAGCATGGATGAAA
CCTTTGAGTTTGGTCCCTAAATTTGCATGAAAGCAAGGTAATATTCATTTGCTTCAGGAGTTTCAT
GTTGGATCTGTCATTATCAAAGTGATCAGCAATGAAGAAGTGGTCCGACAAAATTTAACGTTGATGTA
ATGAAATCCAGATGTAGGCATTCACCCAGGCTTTTTCATGTGCAGATTGCAGTTCTGATTCATTTGA
ATAAAAAGGAACTTGAAAAACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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_001145851.2
Summary:	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]
Locus ID:	8842
MW:	46.2