OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC212890

CD133 (PROM1) (NM_001145847) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD133 (PROM1) (NM_001145847) Human 3' UTR Clone
Symbol:	CD133
Synonyms:	AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145847
Insert Size:	1195 bp

Insert Sequence:

>SC212890 3'UTR clone of NM_001145847
The sequence shown below is from the reference sequence of NM_001145847. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGTTATGACAAGCCCATCACAACATTGATAGCTGATGTTGAAACTGCTTGAGCATCAGGATACTCAA
AGTGGAAAGGATCACAGATTTTTGGTAGTTTCTGGGTCTACAAGGACTTTCCAAATCCAGGAGCAACGC
CAGTGGCAACGTAGTGACTCAGGCGGGCACCAAGGCAACGGCACCATTGGTCTCTGGGTAGTGCTTTAA
GAATGAACACAATCACGTTATAGTCCATGGTCCATCACTATTCAAGGATGACTCCCTCCCTTCCTGTCT
ATTTTTGTTTTTTACTTTTTTACACTGAGTTTCTATTTAGACACTACAACATATGGGGTGTTTGTTCCC
ATTGGATGCATTTCTATCAAAACTCTATCAAATGTGATGGCTAGATTCTAACATATTGCCATGTGTGGA
GTGTGCTGAACACACACCAGTTTACAGGAAAGATGCATTTTGTGTACAGTAAACGGTGTATATACCTTT
TGTTACCACAGAGTTTTTTAAACAAATGAGTATTATAGGACTTTCTTCTAAATGAGCTAAATAAGTCAC
CATTGACTTCTTGGTGCTGTTGAAAATAATCCATTTTCACTAAAAGTGTGTGAAACCTACAGCATATTC
TTCACGCAGAGATTTTCATCTATTATACTTTATCAAAGATTGGCCATGTTCCACTTGGAAATGGCATGC
AAAAGCAATCATAGAGAAACCTGCGTAACTCCATCTGACAAATTCAAAAGAGAGAGAGAGATCTTGAGA
GAGAAATGCTGTTCGTTCAAAAGTGGAGTTGTTTTAACAGATGCCAATTACGGTGTACAGTTTAACAGA
GTTTTCTGTTGCATTACGATAAACATTAATTGGAGTGCAGCTAACATGAGTATCATCAGACTAGTATCA
AGTGTTCTAAAATGAAATATGAGAAGATCCTGTCACAATTCTTAGATCTGGTGTCCAGCATGGATGAAA
CCTTTGAGTTTGGTCCCTAAATTTGCATGAAAGCACAAGGTAAATATTCATTTGCTTCAGGAGTTTCAT
GTTGGATCTGTCATTATCAAAAGTGATCAGCAATGAAGAACTGGTCGGACAAAATTTAACGTTGATGTA
ATGAAATTCCAGATGTAGGCATTCCCCCCAGGTCTTTTCATGTGCAGATTGCAGTTCTGATTCATTTGA
ATAAAAAGGAACTTGGAAAACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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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_001145847.2
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

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