

## Product datasheet for **SC209442**

### CD53 (NM\_001040033) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD53 (NM_001040033) Human 3' UTR Clone
Symbol:	CD53
Synonyms:	MOX44; TSPAN25
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001040033
Insert Size:	757 bp
Insert Sequence:	>SC209442 3'UTR clone of NM_001040033 The sequence shown below is from the reference sequence of NM_001040033. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACAAAACCGCCAGACCATAGGGCTATGATCTGCAGTAGTCTGTGGTGAAGAGACTTGTTTCATCTC
CGGAAATGCAAAACCATTTATAGCATGAAGCCCTACATGATCACTGCAGGATGATCCTCCTCCCATCCT
TTCCCTTTTTAGGTCCCTGTCTTATAACAACCAGAGAAGTGGGTGTTGGCCAGGCACATCCCATCTCAGG
CAGCAAGACAATCTTTCACCTCACTGACGGCAGCAGCCATGTCTCTCAAAGTGGTGAACCTAATATCTGA
GCATCTTTTAGACAAGAGAGGCAAAGACAACTGGATTTAATGGCCAACATCAAAGGGTGAACCCAGG
ATATGAATTTTTGCATCTTCCCATTGTGCAATTAGTCTCCAGCCTCTAAATAATGCCAGTCTTCTCCC
CAAAGTCAAGCAAGAGACTAGTTGAAGGGAGTTCTGGGGCCAGGCTCACTGGACCATTGTACAACCCCT
CTGTTTCTCTTTGACTAAGTGCCTGGCTACAGGAATTACACAGTTCTCTTTCTCAAAGGGCAAGATC
TCATTTCAATTTCTTTATTAGAGGGCCTTATTGATGTGTTCTAAGTCTTTCCAGAAAAAACTATCCAG
TGATTTATATCCTGATTTCAACCAGTCACTTAGCTGATAATCACAGTAAGAAGACTTCTGGTATTATCT
CTCTATCAGATAAGATTTTGTAAATGTACTATTTACTCTTCAATAAAATAAAAGTTTATTATCTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

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).



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<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>	<a href="#">NM_001040033.2</a>
<b>Summary:</b>	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
<b>Locus ID:</b>	963
<b>MW:</b>	28.6