

## Product datasheet for **SC200889**

### CD3D (NM\_001040651) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD3D (NM_001040651) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD3D
Synonyms:	CD3-DELTA; IMD19; T3D
ACCN:	NM_001040651
Insert Size:	238 bp
Insert Sequence:	>SC200889 3'UTR clone of NM_001040651 The sequence shown below is from the reference sequence of NM_001040651. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTTGGAGGAACTGGGCTCGGAACAAGTGAACCTGAGACTGGTGGCTTCTAGAAGCAGCCATTACCAAC TGTACCTCCCTTCTTGCTCAGCCAATAAATATCCTCTTTCACTCAGCAGGTGCCTGGGCTTCTTAA GGCTCCTGGGCAAGGCGTGGGAGTTGCTCTGACTTGCTTGGGATCTCGCCCTCTACCTACCTGTTTCT TCCTTCATCTCCTTCTCCTCTGCCTCACA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u><a href="#">NM_001040651.2</a></u>



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**Summary:**

The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined. [provided by RefSeq, Feb 2009]

**Locus ID:**

915

**MW:**

8.7