

## Product datasheet for **SC208537**

### CD3E (NM\_000733) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CD3E (NM\_000733) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CD3E  
**Synonyms:** IMD18; T3E; TCRE  
**ACCN:** NM\_000733  
**Insert Size:** 661 bp  
**Insert Sequence:** >SC208537 3'UTR clone of NM\_000733  
 The sequence shown below is from the reference sequence of NM\_000733. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATTCTGGCCTGAATCAGAGACGCATCTGACCCCTGGAGAACACTGCCTCCCGCTGGCCAGGTCTCC
TCTCCAGTCCCCCTGCGACTCCCTGTTTCCTGGGCTAGTCTTGGACCCACGAGAGAGAATCGTTCCTC
AGCCTCATGGTGAACCTCGCGCCCTCCAGCCTGATCCCCCGCTCCCTCCTCCTGCCTTCTCTGCTGGTA
CCCAGTCTAAAAATATTGCTGCTTCTCTTCTTTGAAGCATCATCAGTAGTCACACCCTCACAGCTGG
CCTGCCCTCTTGGCAGGATATTTATTTGTGCTATTCACTCCCTTCCCTTTGGATGTAACCTCTCCGTTT
AGTTCCCTCCTTTTCTTGCATGTAAGTTGTCCCCCATCCCAAAGTATTCCATCTACTTTTCTATCGCCG
TCCCTTTTGCAGCCCTCTCTGGGGATGGACTGGGTAATGTTGACAGAGGCCCTGCCCGTTACACAGA
TCCTGGCCCTGAGCCAGCCCTGTGCTCCTCCCTCCCCAACACTCCCTACCAACCCCTAATCCCCTAC
TCCCTCCACCCCTCCACTGTAGCCACTGGATGGTCATTTGCATCTCCGTAATGTGCTCTGCTCC
TCAGCTGAGAGAGAAAAATAAACTGTATTTGGCTGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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.



[View online >](#)

RefSeq: [NM\\_000733.4](#)

**Summary:** The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq, Jul 2008]

**Locus ID:** 916

**MW:** 23.9