

## Product datasheet for **SC205409**

### CD8B (NM\_172101) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD8B (NM_172101) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD8B
Synonyms:	CD8B1; LEU2; LY3; LYT3; P37
ACCN:	NM_172101
Insert Size:	388 bp
Insert Sequence:	>SC205409 3'UTR clone of NM_172101

The sequence shown below is from the reference sequence of NM\_172101. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGAGAAATGTTCCAGAATGGACTACTGATATACAGGCCTCAAGGGGAAGGTATATCAGGAACCTTT
GTCCCCCAATGCCTGCATGGATACTACAGCAATACTACAACCTCACAGAAGCTGCTTAACCCATGGATC
CTGAAAACATAGGCAAGAAGCACAGGTCCTGATGAGTGGATCTTTACTACTTTTACCAGATTCTCCCT
CGCTCAGAGGGATCCTCCACACACCCAGCAGAGACTTCTCTGCCACCATCAACCCCCAAGTCATAGG
GGGCTCAAGTTCTGCCCTGGTGAGCTGTGGCCCCATCCTTGTGAACCCCAAAGTGTCCCCCTTGTGGA
ACCAAATGTATCCATCTTGAATAAATTTGCCAAAATCCTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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_172101.5</a></u>



[View online »](#)

**Summary:**

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified. [provided by RefSeq, May 2010]

**Locus ID:**

926

**MW:**

14.4