

Product datasheet for **SC208961**

CD8B (NM_172099) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CD8B (NM_172099) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CD8B
Synonyms: CD8B1; Leu2; Ly3; LYT3; MGC119115
ACCN: NM_172099
Insert Size: 721 bp
Insert Sequence: >SC208961 3'UTR clone of NM_172099

The sequence shown below is from the reference sequence of NM_172099. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCCTGCTACAAAAAGACATCGGTCAGTACGAGCAGCATGTGGAAAAATGAGAGAAGGGACACATTCA
ACCTGGAGAGTTCAATGGCTGCTGAAGCTGCCTGCTTTTCACTGCTGCAAGGCCTTTCTGTGTGTGAT
GTGCATGGGAGCAACTTGTTCGTGGGTCAATCGGAATACTAGGGAGAAGTTTCATTGCCCCAGGGCA
CTTCACAGAGTGTGCTGGAGGACTGAGTAAGAAATGCTGCCCATGCCACCGCTTCCGGCTCCTGTGCTT
TCCCTGAACTGGGACCTTTAGTGGTGGCCATTTAGCCACCATCTTGCAGGTTGCTTTGCCCTGGTAGG
GCAGTAACATTGGGTCCTGGGTCTTTCATGGGGTATGCTGGGCTGGCTCCCTCTTGGTCTTCCCAGGC
TGGGGCTGACCTTCTCGCAGAGAGGCCAGGTGCAGGTTGGGAATGAGGCTTGTGAGAGGGGCTGTCC
AGTTCCCAGAAGGCATATCAGTCTCTGAGGGCTTCTTTGGGGCCGGAACTTGCGGGTTTGAGGATAG
GAGTTCACCTTCATCTTCTCAGCTCCATTTCTACTCTTAAGTTTCTCAGCTCCCATTTCTACTCTCCCA
TGGCTTAATGCTTCTTTTCTGTTTGTATACAATGTCTTAGTTGTACAATAAAGTCCCAG
GTTAAAGATAACAAACGGCTCCTGTGACATA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_172099.2
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:	26.5