

Product datasheet for **SC209439**

CD8B (NM_004931) Human 3' UTR Clone

Product data:

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|---------------------------|-------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | CD8B (NM_004931) Human 3' UTR Clone |
| Symbol: | CD8B |
| Synonyms: | CD8B1; LEU2; LY3; LYT3; P37 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_004931 |
| Insert Size: | 2000 bp |



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Insert Sequence: >SC209439 3'UTR clone of NM_004931
 The sequence shown below is from the reference sequence of NM_004931. 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
CTTCGTTTCATGAAACAATTTTACAAATGAGCAGAGAATACGGTTTTGGTGTCTGTACAAAAAGACA
TCGGTCAGTAACGAGCACGATGTGAAAAATGAGAGAAGGGACACATTCAACCCTGGAGAGTTCAATGG
CTGCTGAAGCTGCCTGCTTTTCACTGCTGCAAGGCCTTTCTGTGTGTGATGTGCATGGGAGCAACTGT
TCGTGGGTTCATCGGAATACTAGGGAGAAGTTTCATTGCCCCAGGGCACTTCACAGAGTGTGCTGGA
GGACTGAGTAAGAAATGCTGCCATGCCACCGCTTCCGGCTCCTGTGCTTTCCCTGAACTGGGACCTTT
AGTGGTGGCCATTTAGCCACCATCTTTGCAGGTTGCTTTGCCCTGGTAGGGCAGTAACATTGGGCTCTG
GGTCTTTTCATGGGGTGTGCTGGGCTGGCTCCCTCTTGGTCTTCCAGGCTGGGGCTGACCTTCTCGC
AGAGAGGCCAGGTGCAGGTTGGGAATGAGGCTTGTGAGAGGGGTGTCCAGTTCACAGAAAGGCATATC
AGTCTCTGAGGGCTTCTTTGGGCGCGGAACCTGCGGGTTTGGAGATAGGAGTTCACTTCACTCTC
AGCTCCATTTTCTACTCTTAAGTTTCTCAGCTCCCATTTCTACTCTCCATGGCTTAATGCTTCTTTCA
TTTTCTGTTTGTATACAAATGTCTTAGTTGTACAAATAAAGTCCCAGGTTAAAGATAACAAACGGC
TCCTGTGACATAAACGTGCGAAAGCCATCTACAGCAAAGACATCAGTGTCCGTGGAACAGAAACCAG
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CAGCCCCACTCCAAGCTGAAGTACACTAGCACGTGTTTCTACCTCCGGTGAACCGCAGGGATCCCTGGC
TTCAAGTCAGGCACCAACAGAAGGTAGGAGCATGAGGGTTCTGTACATGTCTTTTCTTTCTTA
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TTAGCAGCCTAGGAGCTATTGCACCATAAAACTGCAACCTGAGGCTGCATTAACAGAAGCACCACGT
CCAGGTCCAGGGAGAATCCAGCCTCACCTGCTTTTCTGGCCAGCTCAAAGAAGGACATTGACAAATCA
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TGGTGGGTGGAGTTAGAAAGGCATAGATGCAGTGTACCGGAAGGAGGGCCTTGTAGTGAAGTTGCCA
GGTCTTGGCATTGAAACAAAGAACTGAACAAAACATACAAAGTAATAAAGGAATAAAAGCAGCAAAA
GGAAGAATTTATTGAAGTGAGAAAGCACTCCACATGGTAGGAGTGGACCTAAGCAGATAGCCCATGGG
CCCAATTGCAAAGTTTTCTGGGTTTTAAGTACCCCTTTGAGGTACCTGTTGGCTACCCCTATCTGGG
TGAAGGATTTGGTCCATGGCTAATGAAAGGCTGAGGTGAATTGACGCCCTATGCGGATGAAGGGATGGC
CCGTGCTTGGTCTGTGGTCAATCCAGGGCCGTCTCCCTTTCCATCTGAGATGCAGTGAAGGGGGAGGG
TTGTAGGGAGAGTAGCCTTTGATCCTTGGTTACTCAGTGTGGGGAGATGGGGTTTTCTTTTGGTGT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_004931.5](#)

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:

73.6