

## Product datasheet for **SC214603**

### CD8A (NM\_001145873) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD8A (NM_001145873) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD8A
Synonyms:	CD8; Leu2; p32
ACCN:	NM_001145873
Insert Size:	1468 bp



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<b>Insert Sequence:</b>	<p>&gt;SC214603 3'UTR clone of NM_001145873  The sequence shown below is from the reference sequence of NM_001145873. The complete sequence of this clone may contain minor differences, such as SNPs.  Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGCCCAGCCTTTTCGGCGAGATACGTCTAACCCCTGTGCAACAGCCACTACATTACTTCAAAGTGAATC CTTCCTTTTGGAGGAGCAAGTCCTTCCCTTTTCATTTTTTCCAGTCTTCCTCCCTGTGTATTCTCA TGATTATTATTTAGTGGGGGGGGTGGGAAAGATTACTTTTTCTTTATGTGTTTGACGGGAAACAAA ACTAGGTAATACTACAGTACACCACAAGGTCACAATACTGTTGTGCGCACATCGCGGTAGGGCGTGG AAAGGGGAGGCCAGAGTACCCGAGAGTTCTCAGAATCATGCTGAGAGAGCTGGAGGCACCCATGCC ATCTCAACCTCTCCCGCCCGTTTTACAAAGGGGGAGGCTAAAGCCCAGAGACAGCTTGATCAAAGGC ACACAGCAAGTCAGGGTTGGAGCAGTAGCTGGAGGGACCTTGCTCCCAGCTCAGGGCTCTTTCCTCCA CACCATTAGGTCTTTCTTCCGAGGCCCTGTCTCAGGGTGAGGTGCTTGAGTCTCCAACGGCAAGGG AACAACTACTTCTTGATACCTGGGATACTGTGCCAGAGCTCGAGGAGTAATGAATTAAGAAGAGA ACTGCCTTTGGCAGAGTTCTATAATGTAACAATATCAGACTTTTTTTTTTTATAATCAAGCCTAAAT TGTATAGACCTAAATAAATGAAGTGGTGAAGTAAACCTGGAAAATGAATCCCTCTATCTCTAAAGA AAATCTCTGTGAAACCCCTATGTGGAGGCGGAATTGCTCTCCAGCCCTTGCAATTCAGAGGGGCCAT GAAAGAGGACAGGCTACCCCTTTACAAATAGAATTTGAGCATCAGTGAGGTTAAACTAAGGCCCTTTG AATCTCTGAATTTGAGATACAAACATGTTCTGGGATCACTGATGACTTTTTATACTTTGTAAGACAA TTGTTGGAGACCCCTCACACAGCCCTGGCCTCTGCTCAACTAGCAGATACAGGGATGAGGCAGACCTG ACTCTTTAAGGAGGCTGAGAGCCAAACTGCTGCCAAACATGCACTTCCTTGCTTAAGGTATGGTA CAAGCAATGCCTGCCATTGGAGAGAAAAAAGTAAAGTAGATAAGGAAATAAGAACCACTCATAATTCT TCACCTTAGGAATAATCTCCTGTTAATATGGTGTACATTCTCCTGATTATTTTACACATACATGTA AAATATGTCTTTCTTTTTAAATAGGGTTGACTATGCTGTTATGAGTGGCTTAAATGAATAAACATTT GTAGCATCTCTTAAATGGGTAAACAGCATCCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA AAAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001145873.1</a>

**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 acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as 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 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein. [provided by RefSeq, May 2020]

**Locus ID:**

925

**MW:**

55.7