

Product datasheet for **SC215946**

B7-2 (CD86) (NM_175862) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	B7-2 (CD86) (NM_175862) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD86
Synonyms:	B7-2; B7.2; B70; CD28LG2; LAB72
ACCN:	NM_175862
Insert Size:	1632 bp



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Insert Sequence: >SC215946 3'UTR clone of NM_175862
The sequence shown below is from the reference sequence of NM_175862. 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
TCATGCGACAAAAGTGATACATGTTTTTAATTAAGAGTAAGGCCATACAAGTATTCATTTTTTCTAC
CCTTTCCTTTGTAAAGTTCCTGGGCAACCTTTTTGATTTCTCCAGAAGGCAAAAAGACATTACCATGAG
TAATAAGGGGGCTCCAGGACTCCCTCTAAGTGGAAATAGCCTCCCTGTAAGTCCAGCTCTGCTCCGTATG
CCAAGAGGAGACTTTAATTCTCTTACTGCTTCTTTTCACTTCAGAGCACACTTATGGGCCAAGCCCAGC
TTAATGGCTCATGACCTGGAATAAAAATTTAGGACCAATACCTCCTCCAGATCAGATTCTTCTTAAAT
TTCATAGATTGTGTTTTTTTTTAAATAGACCTCTCAATTTCTGGAAAAGTGCCTTTTATCTGCCAGAG
ATTCTAAGCTGGTGCCCACTGAATTTTGTGTGACTGTGACTAAACAACCTCCTCAGTCTGGGT
GGGACTTATGTATTTATGACCTTATAGTGTAAATATCTTGAACATAGAGATCTATGTACTGTAATAGT
GTGATTACTATGCTCTAGAGAAAAGTCTACCCCTGCTAAGGAGTTCTCATCCCTCTGTCAGGGTCAGTA
AGGAAAACGGTGGCCTAGGGTACAGGCAACAATGAGCAGACCAACCTAAATTTGGGGAAATTAGGAGAG
GCAGAGATAGAACCTGGAGCCACTTCTATCTGGGCTGTTGCTAATATTGAGGAGGCTTGCCCAACCAA
CAAGCCATAGTGGAGAGAACTGAATAAACAGGAAAATGCCAGAGCTTGTGAACCTGTTTCTCTTGAAG
AACTGACTAGTGAGATGGCCTGGGGAAGCTGTGAAAGAACCAAAAGAGATCAATACTCAAAGAGAG
AGAGAGAGAAAAAGAGAGATCTTGATCCACAGAAATACATGAAATGTCTGGTCTGTCCACCCCATCAA
CAAGTCTTGAACAAGCAACAGATGGATAGTCTGTCCAATGGACATAAGACAGACAGCAGTTTCCCTG
GTGGTCAGGGAGGGTTTTGGTGATACCCAAGTTATTGGGATGTCATCTTCTGGAAGCAGAGCTGGGG
AGGGAGAGCCATCACCTTGATAATGGGATGAATGGAAGGAGGCTTAGGACTTTCCACTCCTGGCTGAGA
GAGGAAGAGCTGCAACGGAATTAGGAAGACCAAGACACAGATCACCCGGGGCTTACTTAGCCTACAGAT
GTCCTACGGGAACGTGGGCTGGCCAGCATAGGGCTAGCAAATTTGAGTTGGATGATTGTTTTTGTCTCA
AGGCAACCAGAGGAAACTTGCATACAGAGACAGATATACTGGGAGAAATGACTTTGAAAACCTGGCTCT
AAGGTGGGATCACTAAGGGATGGGGCAGTCTTGCCCAAACATAAAGAGAACTCTGGGGAGCCTGAGCC
ACAAAAATGTTCCCTTTATTTTATGTAACCCTCAAGGGTTATAGACTGCCATGCTAGACAAGCTTGCC
ATGTAATATTCCATGTTTTTACCCTGCCCTGCCTTGATTAGACTCCTAGCACCTGGCTAGTTTCTAA
CATGTTTTGTGACGACAGTTTTTAATAAATGCTTGTTACATTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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_175862.5](#)

Summary:

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.[provided by RefSeq, May 2011]

Locus ID:

942

MW:

62.7