

Product datasheet for **SC123337**

CD300LB (NM_174892) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD300LB (NM_174892) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD300LB
Synonyms:	CD300b; CLM-7; CLM7; CMRF35-A2; IREM-3; IREM3; TREM-5; TREM5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_174892 edited
TCTAGATGTGCAGAAGGTGCAAGCCAGAGCTCGGGCAGAACTTCCAGAGTGCATCTGGGA
TCTGCATTTGCCACTGGTTGCAGATCAGGCGGACGAGGAGCCGGGAAGGCAGAGCCATGT
GGCTGCCCCCTGCTCTGCTCCTTCTCAGCCTCTCAGGCTGTTTCTCCATCCAAGGCCAG
AGTCTGTGAGAGCCCCAGAGCAGGGTCCCTGACGGTTCAATGCCACTATAAGCAAGGAT
GGGAGACCTACATTAAGTGGTGGTGCCGAGGGGTGCGCTGGGATACATGCAAGATCCTCA
TTGAAACCCAGAGGGTCCGAGCAAGGAGAGAAGAGTGACCGTGTGTCCATCAAGGACAATC
AGAAAGACCCGCACGTTCACTGTGACCATGGAGGGGCTCAGGCGAGATGACGCAGATGTTT
ACTGGTGTGGGATTGAAAGAAGAGGACCTGACCTTGGGACTCAAGTGAAAGTGATCGTTG
ACCCAGAGGGAGCGGCTTCCACAACAGCAAGCTCACCTACCAACAGCAATATGGCAGTGT
TCATCGGCTCCCACAAGAGGAACCACTACATGCTCCTGGTATTTGTGAAGGTGCCATCT
TGCTCATCTTGGTCACTGCCATCCTCTGGTTGAAGGGTCTCAGAGGGTCCCTGAGGAGC
CAGGGGAACAGCCTATCTACATGAACCTTCTCCGAACCTCTGACTAAAGACATGGCCACTT
AGAGAGATGGATCTGCAGAGCCTTCTGCCCTGGCCACGTTTCCAGAAGAGACTCGGGCT
GTGGAAGGAACATCTACGAGTCCCTCGGGATGCAGTGACTGAGATAGGGGCCCTGGCCCTC
CGCCCTGGCCTTGGAGCTGGTGGGCACCTCCCTGTTCTGCACAGCTCAGGGACTTAGCCA
GGTCTCTCCTGAGCCACCATCACCTCCTGGGGTCCAGCACCTGTTCTCTTGGTCAGGA
GCTGTAGAGATGGAGCTCAAGCACTGGACGACTCTGTCCCCTGCTGGAATAACTCGGG
CACAGAGCATGGGACCAAAGTACAGAAAGAGGTTGGGGGAGACCCCCAGCCCTAGACT
TCCATCATTCCGGAGACCAACTCAACACCGTCTTTGCCTGAGAACCTGATATACCGTGT
TTTTAAATTTTTTTTTTCTAGCAAAGTTGGGTTTTAATGACTTATGTTTCATAGGAAACC
TCTCTGATCCCACACACAAGGAGGGTGATTCTGGGATGAGTTCCTGGTTCTAGGGCATGA
GGGGCTGGATGGACCCTGTCCCCAGGGAGGACATGGCTCTGAGTCCACAGGGCTGAGGAG
GCAATGGGAACCTCCCTGGCCCGCCGGTGCTTGTCTCCCCCTCCACCTCTTCTCC
TCTAGCTCCCCAAGCTCCCTGCCTATTCCCCACCTCCGAGGGGCTGCAGCTTGGGAGC
CTCCTCAGCATGACAGCTTGGGTCTCCTCCCCAAAAGAGCCTGTGAGGCCTCAAGAACCA
CCTCCAGGTGGGAGGGCAGTAACGAAAACCATCGCAGGAAATGGCACCTCCCTTTTCG
GTGATGTTGAAATCATGTTACTAATGAAAAGTGTCTAGGGAAGTGGTTCTGTCTCCTCA
CAGGCTTACCCACGGCGATGAGGCCCTTGAATGTGGTCACTTTGTGCTGATGGTTGAG
GGACCCTCACACCAAAGGACCTTCCCATGTGAGATGTGCTCCCGCCCCACCTGCCAC
AAGCAAACACACCACACATGTTCCGCATGTTGCCCTTTGAACACCCATGAGGACGCCTCC
AACCTGCTCTTGGTTCTAATAGGGAGTACTGACTGTGAGCAGTGGATAAAGGAGAGGGGA
CCCTCTGGTCCCTAGCATGGCACCCAGAGCCTCCCTCTTCTTGTCTTCCAGCAAAGAG
AACTTTCTCTGACTTTGAACTGAATTTAGGTCTCTGGCCAATGATGGGCCTGAAAATTC
CATAATGGCCAGAGAGGAGGATTCGAGCCCGGTAAGATCCCCTGAGTCACTTCTGTGAGG
GACCAAGACCCACAGTCCACCAGCCCCAGGGCCCTACCTCCTGGAATGCTTCTCTGGATC
CAGCTTCCCGAAGATCCGACCAGACCCAGGGAGGACGGCACCGCTCCGCGGGAGGGAAAAG
CCAAAGCATGGTGCTTACCAGCTGGACTCAGGGGCGAGGGGACATGGGCGCTTGTCAAC
GTGATGTCATTTCTTCCACCGTTTCTTCTGTTGATATCAATGAATCCGTCATCTC
TCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_174892 unedited NNNGGTGTTTAGAATTTGTAATACGACTCACTATAGNNGGCCGCCGATTCCCGGGATT CTAGATGTGCAGAAGGTGCAAGCCAGAGCTCGGGCAGAACTTCCAGAGTGCATCTGGGAT CTGCATTTGCCACTGGTTGCAGATCAGGCGGACGAGGAGCCGGAAGGCAGAGCCATGTG GCTGCCCCCTGCTCTGCTCCTTCTCAGCCTCTCAGGCTGTTTCTCCATCCAAGGCCAGA GTCTGTGAGAGCCCCAGAGCAGGGGTCCCTGACGGTTCATGCCACTATAAGCAAGGATG GGAGACCTACATTAAGTGGTGGTGCCGAGGGGTGCGCTGGGATACATGCAAGATCCTCAT TGA AACCAAGAGGGTCCGAGCAAGGAGAGAAGAGTGACCGTGTCCATCAAGGACAATCA GAAAGACCGCACGTTCACTGTGACCATGGAGGGGCTCAGGCGAGATGACGCAGATGTTTA CTGGTGTGGGATTGAAAGAAGAGGACCTGACCTTGGGACTCAAGTGAAAGTGATCGTTGA CCCAGAGGGAGCGGCTTCCACAACAGCAAGCTCACCTACCAACAGCAATATGGCAGTGTT CATCGGCTCCACAAGAGGAACCACTACATGCTCCTGGTATTTGTGAAGGTGCCCATCTT GCTCATCTTGGTCACTGCCATCCTCTGGTTGAAGGGTCTCAGAGGGTCCCTGAGGAGCC AGGGGAACAGCCTATCTACATGAACTTCTCCGAACCTCTGACTAAAGACATGGCCACTTA GAGAGATGGATCTGCAGACCTTCTGCGCTGGCCACGTTTCCAGGAGAGACTCGGGCTG TGAAGGAACATCTACNAGTCTCGGGATGCAGTACTGAGATAGGGCCCTGGGCCCTNCG CCCTGGCCCTTNAAGCTGGTGGGCCN
Restriction Sites:	Please inquire
ACCN:	NM_174892
Insert Size:	2318 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_174892.1</u> , <u>NP_777552.1</u>
RefSeq Size:	2318 bp
RefSeq ORF:	717 bp
Locus ID:	124599
UniProt ID:	<u>A8K4G0</u>
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

CD300LB is a nonclassical activating receptor of the immunoglobulin (Ig) superfamily expressed on myeloid cells (Martinez-Barriocanal and Sayos, 2006 [PubMed 16920917]). [supplied by OMIM, Mar 2008]