

Product datasheet for **SC330532**

CD300 antigen (CD300A) (NM_001256841) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD300 antigen (CD300A) (NM_001256841) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD300A
Synonyms:	CLM-8; CMRF-35-H9; CMRF-35H; CMRF35-H; CMRF35-H9; CMRF35H; CMRF35H9; IGSF12; IRC1; IRC1/IRC2; IRC2; IRp60
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330532 representing NM_001256841. Blue=Insert sequence Red=Cloning site Green=Tag(s)

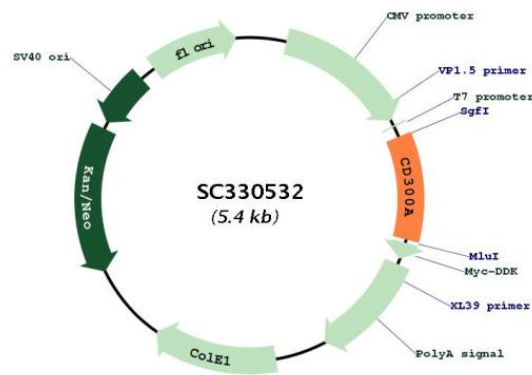
```
ATGTGGCTGCCTTGGGCTCTGTTGCTTCTCTGGGTCCCAGCATCAACGTC AATGACACCTGCAAGTATC  
ACTGCGGCCAAGACCTCAACAATCACAACCTGCATTTCCACCTGTATCATCCACTACCCTGTTTGCAGTG  
GGTGCCACCCACAGTGCCAGCATCCAGGAGGAACTGAGGAGGTGGTGAACCTCACAGCTCCCGCTGCTC  
CTCTCCCTGCTGGCATTGTTGCTGCTTCTGTTGGTGGGGCCTCCCTGCTAGCCTGGAGGATGTTTCAG  
AAATGGATCAAAGCTGGTGACCATTCAGAGCTGTCCAGAACCCCAAGCAGGCTGCCACGCAGAGTGAG  
CTGCACTACGCAAATCTGGAGCTGCTGATGTGGCCTCTGCAGGAAAAGCCAGCACCACCAAGGGAGGTG  
GAGGTGGAATACAGCACTGTGGCCTCCCCAGGGAAGAAGCTTCACTATGCCTCGGTGGTGTGTTGATTCT  
AACACCAACAGGATAGCTGCTCAGAGGCCTCGGGAGGAGGAACCAGATTCAGATTACAGTGTGATAAGG  
AAGACATAG
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001256841

Insert Size: 561 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_001256841.1</u>
RefSeq Size:	1554 bp
RefSeq ORF:	561 bp
Locus ID:	11314
UniProt ID:	<u>Q9UGN4</u>
Cytogenetics:	17q25.1
Protein Families:	Transmembrane
MW:	20.6 kDa
Gene Summary:	<p>This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' coding region compared to variant 1. The resulting protein (isoform 2), also referred to as IRC1c, is shorter compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>