

Product datasheet for **SC330244**

CD83 (NM_001251901) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD83 (NM_001251901) Human Untagged Clone
Tag: Tag Free
Symbol: CD83
Synonyms: BL11; HB15
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330244 representing NM_001251901.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGAGACACCCAGGAAGACCCTCAGGGGACAGCACTATCATCAGAAGGGGCAAAATGGTTCTTTC
GACGCCCCCAATGAAAGGCCCTATTCCCTGAAGATCCGAAACACTACCAGCTGCAACTCGGGGACATAC
AGGTGCACTCTGCAGGACCCGGATGGGCAGAGAAACCTAAGTGGCAAGGTGATCTTGAGAGTGACAGGA
TGCCCTGCACAGCGTAAAGAAGAGACTTTTAAGAAATACAGAGCGGAGATTGCTCTGCTGCTGGCTCTG
GTTATTTTCTACTTAACACTCATCATTTTCACTTGTAAAGTTGCACGGCTACAGAGTATCTTCCCAGAT
TTTTCTAAAGCTGGCATGGAACGAGCTTTTCTCCAGTTACCTCCCAAATAAGCATTAGGGCTAGTG
ACTCCTCACAAAGACAGAAGCTGGTATGA
```

Restriction Sites: SgfI-MluI
ACCN: NM_001251901
Insert Size: 441 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).



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Reconstitution Method:

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: [NM_001251901.1](#)

RefSeq Size: 2307 bp

RefSeq ORF: 441 bp

Locus ID: 9308

UniProt ID: [Q01151](#)

Cytogenetics: 6p23

Protein Families: Transmembrane

MW: 16.6 kDa

Gene Summary: The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Transcript Variant: This variant (3) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (c) has a shorter N-terminus, compared to isoform a. 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.