

## Product datasheet for **SC330595**

### DCSTAMP (NM\_001257317) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DCSTAMP (NM\_001257317) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DCSTAMP  
**Synonyms:** FIND; hDC-STAMP; TM7SF4  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330595 representing NM\_001257317.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

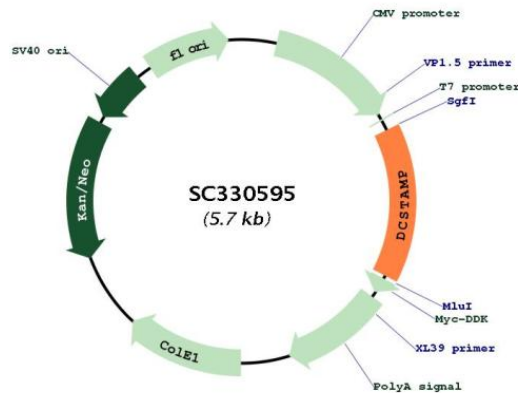
```
ATGGGTATCTGGACCTCAGGCACTGATATCTTCCTAAGTCTTTGGGAGATTTACGTGTCTCCAAGAAGC
CCCGGATGGATGGACTTTATCCAGCATTGGGAGTTTGTCTTTGGTTGCTCTTATTTTCAGTGGCCTC
CTGTCTGTGGCCGCTGCTGTTTCTGCCATCAATCATAGCGCCGCTGCCTCCTGGATTATCACGTGT
GTTCTGCTGTGTGCTCCAAGCATGCACGATGTTTTATTCTTCTGTCTTTCTCTCTTGTGGCCTGCGT
GAAGGCAGGAATGCTTTGATTGCAGCTGGCACAGGGATCGTCATCTTGGGACACGTAGAAAAATTTTT
CACAACTTTAAAGGTCTCCTAGATGGTATGACTTGCAACCTAAGGGCAAAGAGCTTTCCATACATTTT
CCACTTTTGAAAAATATATTGAGGCAATTCAGTGGATTTATGGCCTTGCCACTCCACTAAGTGTATTT
GATGACCTTGTTTCTTGAACCAGACCCTGGCAGTCTCTTTTTTCAGTCCCAGCCATGTCCTGGAGGCA
CAGCTAAATGACAGCAAAGGGGAAGTCCTGAGCGTCTTGTACCAGATGGCAACAACCACAGAGGTGTTG
TCCTCCCTGGGTGAGAAGCTACTTGCCCTTGCAGGGCTTTCGCTCGTCTGCTTGGCACTGGCCTCTTC
ATGAAGCGATTTTGGGCCCTTGTGTTGGAAGTATGAAAACATCTACATCACCAGACAATTTGTTTCAG
TTTGATGAAAGGGAGAGACATCAACAGAGGCCCTGTGTGCTCCCCTGAATAAGGAGGAAAGGAGGAAA
TTCATTCTGGCTTCCAGTCC
```

**Restriction Sites:** Sgfl-Mlul



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## Plasmid Map:



**ACCN:** NM\_001257317

**Insert Size:** 852 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:**

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_001257317.1</u>
RefSeq Size:	1498 bp
RefSeq ORF:	852 bp
Locus ID:	81501
UniProt ID:	<u>Q9H295</u>
Cytogenetics:	8q22.3
Protein Families:	Druggable Genome, Transmembrane
MW:	31.6 kDa
Gene Summary:	<p>This gene encodes a seven-pass transmembrane protein that is primarily expressed in dendritic cells. The encoded protein is involved in a range of immunological functions carried out by dendritic cells. This protein plays a role in osteoclastogenesis and myeloid differentiation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (2) lacks an exon in the coding region and uses an alternate splice site which results in a frameshift and an early stop codon, compared to variant 1. The encoded isoform (2) has a distinct C-terminus, compared to isoform 1.</p>