

Product datasheet for **RC210174**

DCSTAMP (NM_030788) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCSTAMP (NM_030788) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DCSTAMP
Synonyms:	FIND; hDC-STAMP; TM7SF4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC210174 representing NM_030788
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTATCTGGACCTCAGGCACTGATATCTTCTAAGTCTTTGGGAGATTTACGTGTCTCCAAGAAGCC
 CCGGATGGATGGACTTTATCCAGCATTTGGGAGTTTGGTGTGGTCTTATTTTCAGTGGCCCTCCT
 GTCTGTGGCCGCTGCTGGTTTCTGCCATCAATCATAGCGGCCGCTGCCTCCTGGATTATCACGTGTGT
 CTGCTGTGTGCTCCAAGCATGCACGATGTTTTATTCTTCTTGTCTTTCTCTTGTGGCCTGCGTGAAG
 GCAGGAATGCTTTGATTGCAGCTGGCACAGGGATCGTCATCTTGGGACACGTAGAAAATATTTTTACAA
 CTTTAAAGGTCTCTAGATGGTATGACTTGCAACCTAAGGGCAAAGAGCTTTCCATACATTTTCCACTT
 TTGAAAAATATATTGAGGCAATTCAGTGGATTTATGGCCTTGCCACTCCACTAAGTGTATTTGATGACC
 TTGTTTCTTGAACCAGACCCTGGCAGTCTCTTTTTCAGTCCCAGCCATGTCTGGAGGCACAGCTAAA
 TGACAGCAAAGGGGAAGTCTGAGCGTCTGTACCAGATGGCAACAACCACAGAGGTGTTGCTCCTCCTG
 GGTGAGAACTACTTGCCTTTGCAGGGCTTTCGCTCGCTCCTGCTTGGCACTGGCCTCTTATGAAGCGAT
 TTTTGGGCCCTTGTGGTTGGAAGTATGAAAACATCTACATCACCAGACAATTTGTTTCAGTTTGATGAAAG
 GGAGAGACATCAACAGAGGCCCTGTGTGCTCCCCTGAATAAGGAGGAAAGGAGGAAGTATGTCATCATC
 CCGACTTTCTGGCCGACTCCTAAAGAAAGGAAAACCTGGGGCTGTTTTCTCCCATACTTATCCATC
 TCTGCATCTGGGTGCTGTTTGCAGCTGTAGATTATCTGCTGTATCGGCTCATTTTCTCAGTGAGCAAGCA
 GTTTCAAAGCTTGCCAGGGTTGAGGTTCACTTGAACCTGCACGGAGAGAAAACAAGGAATCAAGATATT
 ATCCATGATTTCTCTTAAATATCTGTGTTGAACCAACTGTATCCAAAACCAAAATTCCTTCTAT
 CTGAGACTGGGTTCTCTCAGTGTATTCTTTTGTATATTAGTGTGCTGGGACTGTTGCTCTATCCT
 TATGCAACTTAAAATCCTGGTGTGACGATCTTTCTACCCAGCGTGGAGAGGAAGCGCATCCAATATCTG
 CATGCAAAGCTGCTTAAAAAAGATCAAAGCAGCCGCTGGGAGAAGTCAAAGACGGCTGAGTCTCTATC
 TTACAAAGATTCAATTTCTGGCTTCCAGTCTGAAAATGATTAGGAAGAAGCAAATGGACATGGCAGTGC
 AGACAAGTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210174 representing NM_030788
 Red=Cloning site Green=Tags(s)

MGIWTSGTDIFLSLWEIYVSPRSPGWMDFIQHLGVCCLVALLISVGLLSVAACWFLPSIIAAAASWIITCV
 LLCCSKHARCFILLVFLSCGLREGRNALIAAGTGIVILGHVENIFHNFKGLLDGMTNLRKASFSIHFPL
 LKKYIEAIQWIYGLATPLSVFDDLVSWNQTLAVSLFSPSHVLEAQLNDSKGEVLSVLYQMATTTEVLSSL
 GQKLLAFAGLSLVLLGTGLFMKRFLGPCGWKYENIYITRQFVQFDERERHQQRPCVLPNKEERRKYVII
 PTFWPTPKERKNLGLFFLPILIHLCIWVLFVAVDYLLYRLIFSVSKQFQSLPGFEVHLKLHGEKQGTQDI
 IHDSSFNISVFEFNCIPKPKFLLSETWVPLSVILLILVMLGLLSSILMQLKILVSASFYPSVERKRIQYL
 HAKLLKRSKQPLGEVKRRLSLYLTKIHFWLPVLKMRKKQMDMASADKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mg4064_e09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_030788

ORF Size: 1410 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_030788.4](#)
RefSeq Size: 1952 bp

RefSeq ORF: 1413 bp

Locus ID: 81501

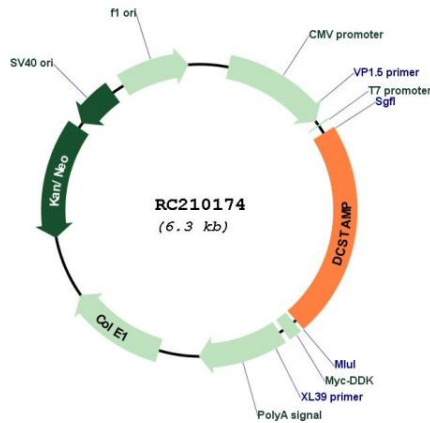
UniProt ID: [Q9H295](#)
Cytogenetics: 8q22.3

Protein Families: Druggable Genome, Transmembrane

MW: 53.2 kDa

Gene Summary: 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]

Product images:



Circular map for RC210174