

Specifications:

Gene:	hDCSTAMP
Accession:	NP_110415
Insert size:	1426bp
Concentration:	10µg at 0.2µg/µL

hDC-STAMP cDNA Plasmid

**DCSTAMP dendrocyte expressed
seven transmembrane protein
[*Homo sapiens*]**

Also known as: FIND; TM7SF4;
hDC-STAMP

Summary:

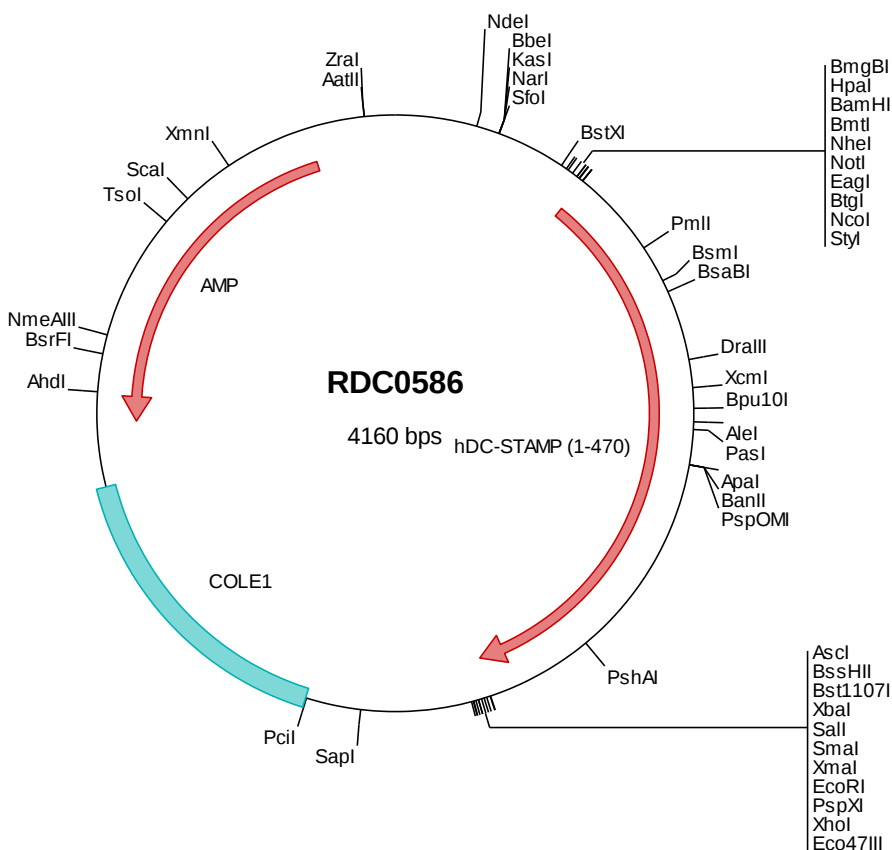
DC-STAMP is a seven transmembrane protein that is expressed primarily by dendritic cells. It is involved in a wide range of immunological functions and plays a role in osteoclastogenesis and myeloid differentiation. Expression of DC-STAMP is rapidly induced in osteoclast precursor cells by RANKL and other osteoclastogenic stimulations. Alternate transcripts encoding multiple protein variants have been identified.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC0586 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgttaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtttggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacac atgggtatct ggacctcagg cactgatatc ttctaaagtc ttggggagat
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> RDC0586 Translated Insert Sequence

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201  atttevlssl gqkliafaql slvlgtglf mkrflgpcgw kyeniyitrq fvqfdererh qqrpcvlpn keerryvii ptfwptpker knlgflflpi
301  lihlcwvlf aavdylllyrl ifsvskqfqs lpgfvehlkl hgekqgtqdi ihdssfnisv fepncipkpk fllsetwvpl svillilvml glslsilmlql
401  kilvsasfyp sverkriqyl hakllkrsk qpigevkrri slyltkinhf w lplvkmirkk qmdmasadks
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