

Product datasheet for **RC232375**

DCSTAMP (NM_001257317) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DCSTAMP (NM_001257317) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DCSTAMP
Synonyms: FIND; hDC-STAMP; TM7SF4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC232375 representing NM_001257317
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGTATCTGGACCTCAGGCACTGATATCTTCCTAAGTCTTTGGGAGATTTACGTGTCTCCAAGAAGCC
CCGGATGGATGGACTTTATCCAGCATTTGGGAGTTTGTGTTGGTTGCTCTTATTTTCAGTGGGCCTCCT
GTCTGTGGCCGCTGCTGTTTCTGCCATCAATCATAGCGCCGCTGCCTCCTGGATTATCACGTGTGTT
CTGCTGTGTTGCTCCAAGCATGCACGATGTTTTATTCTTCTTGTCTTTCTCTCTTGTGGCCTGCGTGAAG
GCAGGAATGCTTTGATTGCAGCTGGCACAGGGATCGTCATCTTGGGACACGTAGAAAATATTTTTACAA
CTTTAAAGGTCTCCTAGATGGTATGACTTGCAACCTAAGGGCAAAGAGCTTTTCCATACATTTTCCACTT
TTGAAAAAATATATTGAGGCAATTCAGTGGATTATGGCCTTGCCACTCCACTAAGTGTATTTGATGACC
TTGTTTCTTGAACCAAGCCCTGGCAGTCTCTTTTTTCAGTCCCAGCCATGTCCTGGAGGCACAGCTAAA
TGACAGCAAAGGGGAAGTCTGAGCGTCTGTACCAGATGGCAACAACACAGAGGTGTTGTCCTCCCTG
GGTCAGAAGCTACTTGCCTTGCAGGGCTTTCGCTCGTCTGCTTGGCACTGGCCTTTCATGAAGCGAT
TTTTGGCCCTTGTGTTGGAAGTATGAAAACATCTACATCACCAGACAATTTGTTTCAGTTTGTATGAAAG
GGAGAGACATCAACAGAGGCCCTGTGTCTCCCGCTGAATAAGGAGGAAAAGGAGAAATTCATTTCTGGC
TTCAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232375 representing NM_001257317
 Red=Cloning site Green=Tags(s)

MGIWTSGTDIFLSLWEIYVSPRSPGWMDFIQHLGVCCLVALLISVGLLSVAACWFLPSIIAAAAASWIITCV
 LLCCSKHARCFILLVFLSCGLREGRNALIAAGTGIVILGHVENIFHNFKGLLDGMTCNLRAKSFSIHFPL
 LKKYIEAIQWIYGLATPLSVFDDLVSWNQTLAVSLFSPSHVLEAQLNDSKGEVLSVLYQMATTTEVLSL
 GQKLLAFAGLSLVLLGTGLFMKRFLGPCGWKYENIYITRQFVQFDERERHQQRPCVLP LNKEERRKFISG
 FQS

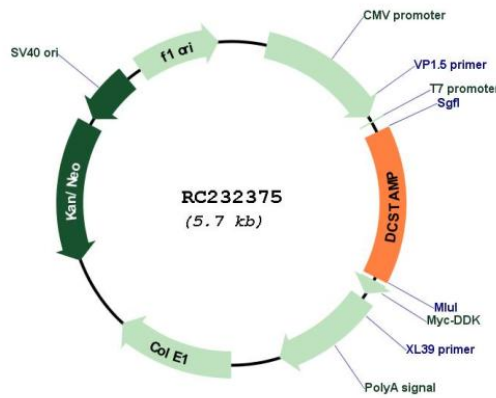
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001257317

ORF Size: 849 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:	<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:	NM_001257317.1 , NP_001244246.1
RefSeq Size:	1498 bp
RefSeq ORF:	852 bp
Locus ID:	81501
UniProt ID:	Q9H295
Cytogenetics:	8q22.3
Protein Families:	Druggable Genome, Transmembrane
MW:	32 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]