

## Product datasheet for **RG232375**

### DCSTAMP (NM\_001257317) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DCSTAMP (NM\_001257317) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** DCSTAMP  
**Synonyms:** FIND; hDC-STAMP; TM7SF4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG232375 representing NM\_001257317  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGTATCTGGACCTCAGGCACTGATATCTTCCTAAGTCTTTGGGAGATTTACGTGTCTCCAAGAAGCC  
CCGGATGGATGGACTTTATCCAGCATTTGGGAGTTTGTGTTGGTTGCTCTTATTTTCAGTGGGCCTCCT  
GTCTGTGGCCGCTGCTGGTTTCTGCCATCAATCATAGCGCCGCTGCCTCCTGGATTATCACGTGTGTT  
CTGCTGTGTTGCTCCAAGCATGCAGGATGTTTTATTCTTCTTGTCTTTCTCTTGTGGCCTGCGTGAAG  
GCAGGAATGCTTTGATTGCAGCTGGCACAGGGATCGTCATCTTGGGACACGTAGAAAATATTTTTCACAA  
CTTTAAAGGTCTCCTAGATGGTATGACTTGCAACCTAAGGGCAAAGAGCTTTTCCATACATTTTCCACTT  
TTGAAAAATATATTGAGGCAATTCAGTGGATTTATGGCCTTGCCACTCCACTAAGTGTATTTGATGACC  
TTGTTTCTTGAACCCAGACCCTGGCAGTCTCTTTTTCAGTCCCAGCCATGTCCTGGAGGCACAGCTAAA  
TGACAGCAAAGGGGAAGTCTGAGCGTCTTGTACCAGATGGCAACAACCACAGAGGTGTTGTCCTCCCTG  
GGTCAGAAAGCTACTTGCCTTTCAGGGCTTTTCGCTCGTCTGCTTGGCACTGGCCTTTCATGAAGCGAT  
TTTTGGGCCCTTGTGGTTGGAAGTATGAAAACATCTACATCACCAGACAATTTGTTTCAGTTTGTGAAAG  
GGAGAGACATCAACAGAGGCCCTGTGTGCTCCCCTGAATAAGGAGGAAAGGAGGAAATTCATTTCTGGC  
TTCCAGTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG232375 representing NM\_001257317  
Red=Cloning site Green=Tags(s)

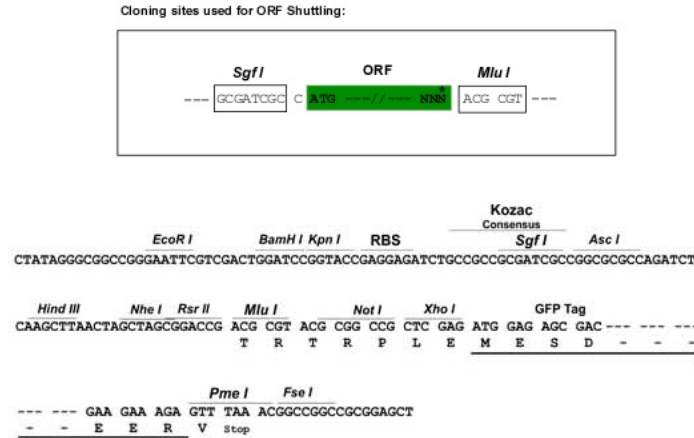
MGIWTSGTDIFLSLWEIYVSPRSPGWMDFIQHLGVCCLVALISVGLLSVAACWFLPSIIAAAAASWIITCV  
 LLCCSKHARCFILLVFLSCGLREGRNALIAAGTGIVILGHVENIFHNFKGLLDGMTCNLRAKSFSIHFPL  
 LKKYIEAIQWIYGLATPLSVFDDLVSWNQTLAVSLFSPSHVLEAQLNDSKGEVLSVLYQMATTTEVLSL  
 GQKLLAFAGLSLVLLGTGLFMKRFLGPCGWKYENIYITRQFVQFDERERHQQRPCVLP LNKEERRKFISG  
 FQS

TRTRPLE - GFP Tag - V

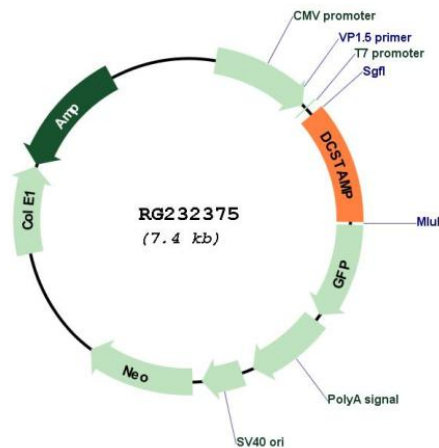
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001257317

**ORF Size:** 849 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001257317.1</a> , <a href="#">NP_001244246.1</a>
<b>RefSeq Size:</b>	1498 bp
<b>RefSeq ORF:</b>	852 bp
<b>Locus ID:</b>	81501
<b>UniProt ID:</b>	<a href="#">Q9H295</a>
<b>Cytogenetics:</b>	8q22.3
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	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]