

Product datasheet for **RR201111**

Dctpp1 (NM_138892) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dctpp1 (NM_138892) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dctpp1
Synonyms: RS21-C6; Rs21c6; Xtp3tpa
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201111 representing NM_138892
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCAAGCTGGTACCGGTGTGTGCGGTAATGGGGGCAAGAAGACTCTGCTGCTGCCGGCCGTTCA
GCTTCAGCCCAGAGCCCACGCTTGAGGACATCCGACGCCTCCATGCAGAGTTTGTCTGCTGAGCGGGACTG
GGAACAGTTCCACCAGCCTCGGAACCTGCTCCTAGCCTTGGTGGGAGAAGTGGCGGAGCTGGCAGA
ACTCTTTTCAGTGGAAAGTCTGACGCAGAGCCTGGTCCTCAGGCATGGCAGCCAAAGGAGAGAGCAGCCCTTCAGG
AGGAGCTTAGTGACGTCCTCATCTACCTGGTGGCATTAGCAGCCCGTTGTATGTGGACTTACCTCGAGC
AGTAATCTCCAAAATGGACCAACCGCAACGTTACCCAGTCCATCTGTCCCAGGGCTCTGCCTGCAAG
TACACAGACTTGGCCCGTGGACCCCTCTCTGAAAACGAGGCTGTGGGTCTGGAGACCCTGCCTCTGAGT
TGGGAAACCAGGCTTCCACC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201111 representing NM_138892
Red=Cloning site Green=Tags(s)

MSQAGTGVCNGGQEDSAAAGPFSFSPEPTLEDIRRLHAEFAAERDWEQFHQPRNLLLALVGEVGEAEEL
FQWKSDAEPGPQAWQPKERAALQEELSDVLIYLVALAARCHVDLPRAVISKMDTNRQRYPVHLSRGSACK
YTDLPRGTLSENAVSGDPASELGNQAST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

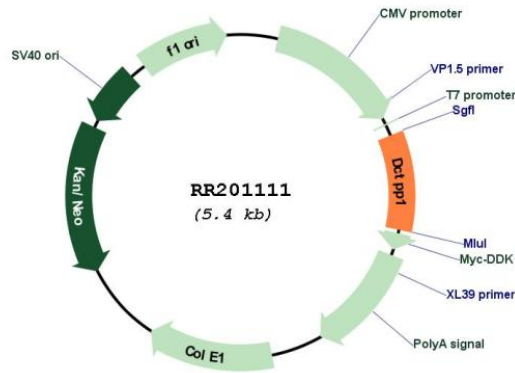


[View online >](#)

Cloning Scheme:



Plasmid Map:



ACCN:

NM_138892

ORF Size:

510 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:	<u>NM_138892.1</u> , <u>NP_620247.1</u>
RefSeq Size:	672 bp
RefSeq ORF:	513 bp
Locus ID:	192252
UniProt ID:	<u>Q91VC0</u>
Cytogenetics:	1q37
MW:	18.5 kDa
Gene Summary:	may possibly be involved in T cell receptor complex formation [RGD, Feb 2006]