

Product datasheet for **RR205113**

Cct8l1 (NM_001037794) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct8l1 (NM_001037794) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cct8l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR205113 representing NM_001037794
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTCTCCTCTTCCAGGTCACGCAAACAAAGTTCAATCAGACCTAGAACTGCCCCAGCGACTGA
 AGCTAGGCCTAGAGAAAACCCGAATCTCAAGGAGAAGAACATTATGCATACTGAGGGCCACAGCCGC
 AGCTCAGACCCTAGCCAGTATCATCCGGTCTTGTTATGGTCCCTATGGCCTGCAGAAGTTTCTGGTGAGT
 GCCCAGGGAGAAACGGTTTGACAGGTCTGCTGCTGCCATTCTCAAGGCTCTGGAGCTGGAGCACCCAG
 CTGCCCCGTTTGTCAAGAATTAGCCAAACCCAGGCAGAGAACACGGGGGATGGCAGCGCCTTTGTTGT
 TCTCTGACAGAAGCCTTGCTGGAACAGGCCAGTACCTTCTGTGGGCCGGCCTAACTCCAGCCCAGCTC
 CGGGAGGCCTTTGTCACAGCCACAGCAGAAGTCTGACCGCTCTACCTTCCCTGGCCATCTGCTCTTAG
 GGCTTTTGAAGACCCTTCTGGGCCCTCTATTCTGTGATGAGTACCCACACCCTGTCCAACGCAGAGTA
 TTAAACCAAGCTCGTAGCACAAGCTGTGGATTAGCAGGGAGCCAAACGGCAGCTTCAAGCCCAGAGC
 ATTGTAGTGTGCATACTTCAGGGTGGGATACTGACTGATTCCTGAATTATCCCTGGAATAGCAATATGCG
 GGAAACTCTGTGGACGAAAGACTGAGGTGCTAAACGATGCCAGGGTGGCCCTGTTCAATTGTCCCTTTGG
 TCCTTCAAATCCATTTGCGCCGGCCACACTCCGTCTCTCCAGCCCGGAAGAACTGATAAGATTTGCGAAA
 CAAACTGAACAAGTGGAATGGAATAGCCGAAGTGGCCATGATGGGCATTAACGTGGCAGTTGTCTTGG
 GGAAGTTAATGAGAGGTGCGTGGACAGGCTGACTACTGTGGCGTCATGGTGATTCAAGTCAAGTCCCG
 AAAGGAGATTGTCTACTTGAGTGATAAGCTGGGTGTTCTCTGCTCAATCGGATCCTTCTCCCTGGAG
 CCTGGGAAGTGCCACAAGTTTACAGGATGGAGTTTGGAGAGAGTGCCCTGATAATGTTTGTGGGAAC
 GTGAGATTGCACCTTTTCTCAGTGGTCTCAGGGGACCCACCATCCAGGGACTTCGGGGTGCGGAGCA
 GGCTGTCTATTACGGCATAGATGCATTTTCTCAGCTGTGTCAAGATCCAGACTGCTGCCAGGAGCCGGT
 GCCACAGAGATGGCTCTGGCGAGAATGCTGGTAGACAAAGGAAGTCGACTGGATGGCCCCAATGGTCTGG
 CCTTCAAAGCATTTGCTCAAGCCCTGAGTTCTCTGCCTAAACCCCTGGCAGAGAATGCAGGCTTAGTGC
 CCAAAGCGTGCTGGCAGAAATGAGTGGGTATACCAAGCCGGGAAGTTTGTATCGGAGTGGGAACAGAC
 GGCTTAGTAAATGTGGCTCAGGAAGGTATATGGGACATACTGAGGACCAAAGCCCAAGGGTTACAAGCAG
 TCACTGGGCTGGTACAGCAGCTGGTACTGTGGACCAGATTATAGTGGCCAGAAAGACTCCTAGGTACAG
 ACTCATCCCCAATCCGCACAGAACGCAACACATCCTCACCCTGAGAGCAAAATCTTTGGAAAGTAC
 GAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205113 representing NM_001037794
 Red=Cloning site Green=Tags(s)

MAVSSSQVTQTKVQSDLELPQRLKLGLEKNPESQGEELCILRATAAAQTLASIIIRSCYPGYLQKFLVS
 AQGETVCTGHAAAILKALELEHPAARFVQELAQTQAENTGDGTAFVLLTEALLEQAQYLLWAGLTPAQL
 REAFVTATAEVLTAALPSLAICSLGLEDPDPSWALYSVMSTHTLSNAEYLTCLVAQACWISREPNGSFKPES
 IVVCILQGGILTDSRIIPGIAICGKLCGRKTEVLNDARVALFNCPPGPSNPFAPATLRLSSPEELIRFRK
 QTEQVEMEIAELAMMGINAVVLGEVNERSVDQADYCGVMVIQVSRKEIVYLSDKLGVPLLNRIPLPLE
 PGKCHKVYRMEFGESALIMFEWEREIPFLSVVLRGPTIQGLRGAEQAVYYGIDAFSGLCQDPRLLPGAG
 ATEMALARMLVDKGSRLDGPNGLAFQAFQALSSLPKTLAENAGLAAQSVLAEMSGYHQAGNFVIGVGT
 GLVNVAQEGIWIDILRTKAQGLQAVTGLVQQLVTVDQIIIVARKTPRYRLIPQSAQNANTSSPLRAKFFGKY
 E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM 001037794

ORF Size: 1683 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 001037794.1, NP 001032883.1

RefSeq Size: 1967 bp

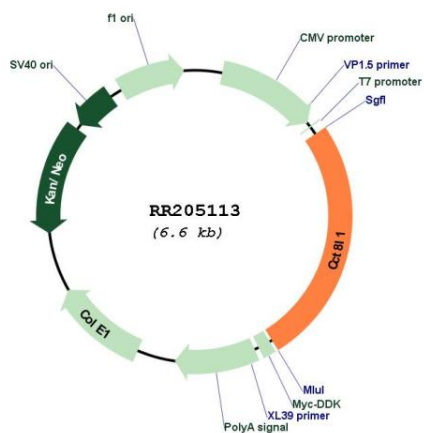
RefSeq ORF: 1686 bp

Locus ID: 499967

Cytogenetics: 4q11

MW: 60.6 kDa

Product images:



Circular map for RR205113