

Product datasheet for **RR209394**

Ccdc80 (NM_022543) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc80 (NM_022543) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc80
Synonyms:	CL2; Dro1; Ssg1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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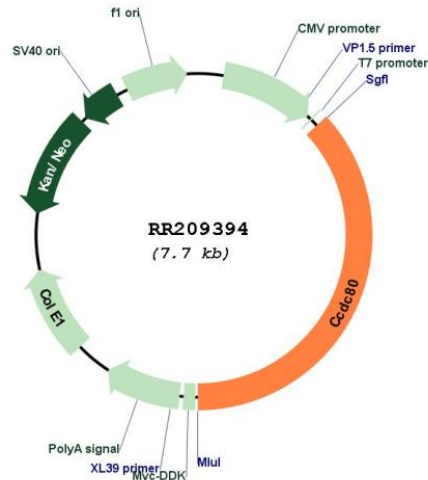
ORF Nucleotide
Sequence:

>RR209394 representing NM_022543
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGGATCGCC**

ATGACGTGAAAAATGGGACCCCACTTCACCATGCTCTTGCCATGTGGCTGGTGTGTGGATCAGCATCTC
AGTCTTCTGCCTTGATAGCGATGGCCGCCAGGAAGGAAAGTACCTTTGGCTTCTCCAATCAGCAGTAG
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CCTCAGTCTTTCCAAAGGAGGAAGAGTGTACCAGTGTGAGATTAGCTCACCCGACTGTGAGACCGCCCC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_022543

ORF Size: 2847 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_022543.2](#), [NP_071988.2](#)

RefSeq Size: 4114 bp

RefSeq ORF: 2850 bp

Locus ID: 64387

UniProt ID: [Q6QD51](#)

Cytogenetics: 11q21

MW: 107.7 kDa

Gene Summary: estrogen regulated gene; overexpression correlates with mammary carcinogenesis [RGD, Feb 2006]