

## Product datasheet for RN213223

### Ccdc91 (NM\_001014061) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccdc91 (NM\_001014061) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ccdc91  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN213223 representing NM\_001014061  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATGATGACGACTTTGGTGGCTTTGAGGCCGAGAGACCTTTGACGGTGAGCAAGTGGAACCAAG  
 CAGTGTCCCCTGCTGTCCCCTGGGCCACCTTTCTGCAGTATCCGGAGTGCCTCTCTACCAGTTCTCC  
 GGAGCTTATCCTGGACCATGACCGCTCATCCCCATCCTTGCCACCTCCGTTCTGATGCCGTCATTCC  
 TACCAGACGATACACGTGCAGACAGCAGCCTTGTGAATCAGACCATCTCAAAGTTCAGCTTCAGCAGT  
 CAGCGCACACACATCTGAACATCCCTCTCTTCCCACTTGGGTTAACGGATGAGTGAACCATGGAGCACT  
 TGCCCTGGAGGACGAGCCTGAGGGTCTGGGGTCCACGTGTCCAACCTCTCAGCTCCGGCAGAAAATATCA  
 AGTCTGGAGACTAACTCAAGGCTTCTGAAGAAGAAAAGCAGCGAATTAAGGATGTGGAGTCGCTGA  
 TGGAGAAACACAGTGTCTGGAGAAAGACTTCTGAAGGAAAAGGAGCAGGATGCTGTCTCTTCAAGC  
 CAGATACCGTGAGCTTCAGGAGAAGCATAAACAAGAGTTGGAAGACATGCGGAAGGCTGGGCACGAGGCC  
 CTGAGCATTATAGTGGACGAGTACAAGGCACTTCTGCAGTCTCAGTTAAGCAGCAGCTAGATGCCATCG  
 AGAAGCAGTATGTGTCTGCCATCGAGAAACAAGCTCACCGCTGTGAGGAGCTCCTGCATGCTCAGCATCA  
 GAGGCTCCTAGAAGTGTGGACACCGAGAAGAACTGCTAAAAGAGAAGATCCAGGAAGCTTTGACGCGAG  
 CAGTACAGGAGCAGAAGGAAACTGGGAAAGTGCCTACAGGAGGAAATGCAGAGAACAAGAAACCC  
 TGGAGTCCGCTGTGAAGCTTGAGAAAGAAGCAATGAAAGATGTCACTAAAGCAGTGGAAAGAAGAGAG  
 GGAAAACTGGAGAAAGTTACGCCCAGAAAGAGAAAATGTGGAAGACAGAACATGCAAGAGATCAGGAG  
 AGGGTAGCAGAGGCCATCCAGGCCGCTGTGCAGGAGCAGCAGAGGATGAGTCAGGAAGCCGTCAAGGCCG  
 CAATCGCAGAGGAGCAGAGGCCAAGTAAAAGGCCATGGAGGAAGCCGTAAGAGAAACAAGGGATGAGCT  
 GGTGGAGTACGTGAGGGAGCAGAGAAGGCTTGTCAAGTACCCGCCAGCGTAGCCTGTCCAGCTGGAG  
 CTGTTCTCTCTCGCCCAAGCAGCTGAGTGCCTTGTAGCTACGGAGCCTGTTGACATTGAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_001014061
<b>Insert Size:</b>	1329 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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>	<u><a href="#">NM_001014061.1</a></u> , <u><a href="#">NP_001014083.1</a></u>
<b>RefSeq Size:</b>	2472 bp
<b>RefSeq ORF:</b>	1329 bp
<b>Locus ID:</b>	312863
<b>UniProt ID:</b>	<u><a href="#">Q6AY97</a></u>
<b>Cytogenetics:</b>	4q44
<b>Gene Summary:</b>	Involved in the regulation of membrane traffic through the trans-Golgi network (TGN). Functions in close cooperation with the GGAs in the sorting of hydrolases to lysosomes. [UniProtKB/Swiss-Prot Function]