

## Product datasheet for **RC226824**

### CCNYL1 (NM\_001142300) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CCNYL1 (NM\_001142300) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CCNYL1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC226824 representing NM\_001142300  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGGAACACGCTGACCTGTTGCGTGTCCCAATGCCAGCCCCAAGCTGGGCCGGCGCGGGGTTCGG  
CGGAGCTGTACTGCGCGTCCGACATCTACGAGGCGGTGTCCGGGACGCGGTGGCGGTAGCGCCGCTGT  
GGTGGAGCCTGCCGAGTTGGATTTTCGGAGAGGGCGAGGGCCACCACCTGCAGCACATCAGCGACCGCGAG  
ATGCCCGAAGATTTAGCTTTGGAGTCAAACCTTCTGACCATCCAAGGGCAAGCACAATTTCTGAGCA  
AATCTCAAACGGATGTGCGAGAAAAGAGGAAGAGCAACCATTTGAACCATTGTGACCTTAGCAATATATT  
ACCACATAAAGAACAGCGAGAAAAAGTTCCAGAGGAATACTTTAAGCATGATCCTGAGCACAAAATTTATT  
TACAGATTTGTTCTGACTCTTTTAGTGCTGCACAGCTAACAGCTGAATGTGCAATAGTAACTTTGGTTT  
ACTTAGAAAGGCTTTAACTTATGCTGAAATCGACATTTGTCCCACTGAAAGGATTGTTCTGGG  
AGCCATTTCTTGCCTCAAGGTTTGGGACGATCAGGCTGTATGGAATGTGGACTACTGCCAGATCCTC  
AAGGACATTACAGTTGAGGACATGAATGAAATGAAAGGCATTTCTGGAGCTTCTCAGTTAATATTA  
ATGTTCTGCCAGTGTATGCCAAATACTACTTTGACCTTCGCTCCTTAGCAGATGACAACAACCTGAA  
TTTTCTATTTGCTCCTTAGCAAAGAAAGAGCACAGAACCTAGAGGCTATTTCTAGATTGTGTGAAGAC  
AAAGACTTGTGTAGACCGCTATGAGAAGTCTTTCAGTGCTGATAAATTATTGTTTTCAGCGCTCTA  
AAGCCATCCTCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC226824 representing NM\_001142300  
 Red=Cloning site Green=Tags(s)

MGNTLTCCVSPNASPKLGRRAGSAELYCASDIYEAVSGDAVAVAPAVVEPAELDFGEGEGHHLQHISDRE  
 MPEDLALLESNPSDHPRASTIFLSKSKQTDVREKRKSNHLNHCDLSNILPHKEQREKVPPEEYFKHDPEHKFI  
 YRFVRTLFSAACLTAECAIVTLVYLERLLTYAIEDICTPNWKRIVLGAILLASKYVDDQAVVNVVYDQCIL  
 KDITVEDMNERHFLELLQFNINVPASVYAKYFYDLRSLADDNNLNFLFAPLSKERAQNLEAISRLCED  
 KDL CRAAMRRSFSADNFIGIQRSKAILS

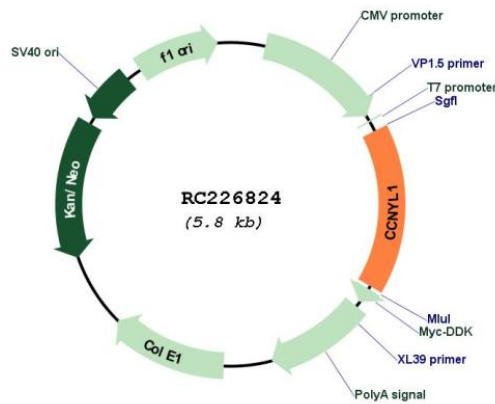
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001142300

<b>ORF Size:</b>	924 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_001142300.1</a> , <a href="#">NP_001135772.1</a>
<b>RefSeq ORF:</b>	927 bp
<b>Locus ID:</b>	151195
<b>UniProt ID:</b>	<a href="#">Q8N7R7</a>
<b>Cytogenetics:</b>	2q33.3
<b>MW:</b>	34.8 kDa