

## Product datasheet for **RR214585**

### **Ccnh (NM\_052981) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccnh (NM\_052981) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ccnh  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR214585 representing NM\_052981  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTACCACAACAGCAGCCAGAAGCGGCACTGGACCTTCGCTAGCGAGGAGCAACTGGCGCTCTGCGGG  
CCGACGCCAACCGCAAATCAAGTGCAAAGCTGTGGCTAACGGGAAGTTCTTCCAAATGATCCGTTGTT  
TCTTGAGCCTCATGAAGAAATGACACTTTGCAAATACTATGAAAAAAGATTGTTGGAATTTGTTCAGTG  
TTTAAACCAGCTATGCCACGGTCTGTTGTGGGTACAGCTTGATGTATTTCAAGCGTTTTTATCTTAATA  
ACTCAGTAATGGAATATCACCTCGGATAATAATGCTTACTTGTGCATTTTTGGCCTGCAAAGTAGATGA  
ATTCAATGTGTCTAGTCCTCAGAAAGAAGGGAACCTTCGAGAGAGTCCTTTGGACAGGAGAAGGCACTG  
GAACAGATTTTGAATATGAACTACTACTTATACAACAACCTAATTTTCACCTCATTGTCCACAATCCAT  
ATAGACCATTTGAAGGCTTCTCATTGATATAAAGACTCGATACCCATGTTGGAGAATCCAGAGATTTT  
GAGGAAAACGGCTGATGATTTTCTAGTAGAATTGCATTGACAGATGCTTATCTTTGTACACACCTTCA  
CAAATTGCCCTGACTGCCATTTTATCAAGAGCCTCTAGGGCTGGAATTACTATGAAAAGCTATTTATCAG  
AGAGTCTAATGCTGAAAGAGAACAAGAACTTGCCTGTCACAGCTACTGGATATAATGAAAAGCATGAGAAA  
TCTAGTAAAAAAGTATGAGCCACCCAGATCTGAAGAAGTTGCTATTCTGAAACAGAAAGTTGGAGCGATGT  
CATTCTTCTGACCTTGCCTTAATATGGTTACAAGAAGAGGAAAGGCTACGAAGACGATGACTATGTAT  
CAAAGAAACCCAAACAGGAAGAGGAGGAGTGGACGGACGATGACCTGGTAGATGCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR214585 representing NM\_052981  
 Red=Cloning site Green=Tags(s)

MYHNSSQKRHWTFASEEQLARLRADANRKFCKAVANGKVL PNDPLFLEPHEMTLCKYYEKRLLEFCSV  
 FKPAMPRSVVGTACMYFKRFYLNNSVMEYHPRIIMLTCAFLACKVDFENVSSPQKEGNLRESPLGQEKAL  
 EQILEYELLLIQQLNFHLIVHNPYRPFEGFLIDIKTRYPMLENPEILRKTTADDFLSRIALTDAYLLYTPS  
 QIALTAILSRASRAGITMESYLSSESLMLKENRTCLSQLLDIMKSMRNLVKKYEP RSEEVAILKQKLERC  
 HSSDLALNMVTKKRKGYEDDDYVSKKPKQEEEEWTDDDLVDAL

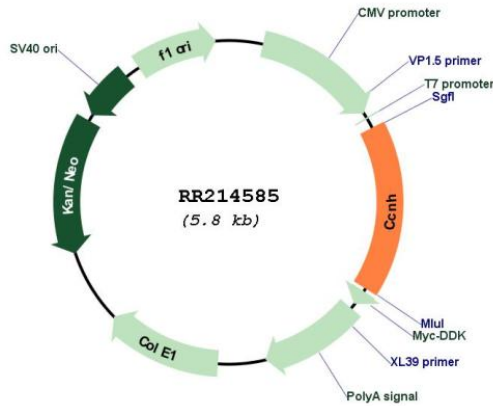
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_052981

<b>ORF Size:</b>	969 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_052981.2</a> , <a href="#">NP_443213.2</a>
<b>RefSeq Size:</b>	1400 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	84389
<b>UniProt ID:</b>	<a href="#">Q9R1A0</a>
<b>Cytogenetics:</b>	2q11
<b>MW:</b>	37.7 kDa
<b>Gene Summary:</b>	cyclin; involved in cell cycle control and may also have a role in neurons during ischemia [RGD, Feb 2006]