

## Product datasheet for **RC201802**

### Coronin 3 (CORO1C) (NM\_014325) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coronin 3 (CORO1C) (NM_014325) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coronin 3
Synonyms:	HCRNN4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC201802 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCGGAGTGGTACGACAGAGCAAGTTTCGGCATGTATTTGGCAAGCGGTGAAAAATGACCAGTGT  
 ATGATGACATCCGGGTTTCTCGTGTGACCTGGGATAGTTCTTTTGTGCTGTCAATCCCAGATTTGTTGC  
 CATAATCATAGAGGCAAGTGGGGAGGAGCGTTCTTGTCTCCCTCTGCACAAGACTGGTCAATTGAC  
 AAATCTTACCCTACAGTATGTGGCCACACAGGACCAGTGTGGACATAGACTGGTCCCACATAACGATC  
 AGGTCATTGCCAGCGTTTCCAGAGGACTGCACGGTCATGGTATGGCAGATCCCAGAAAAATGGACTCACCT  
 TTCCCTGACTGAACCTGTGGTATTTTGGAAAGGCCACTCAAAGAGAGTCCGCATCGTGGCTTGGCATCCA  
 ACGGCCCGCAATGTGCTTCTTAGTGCAGGCTGTGATAATGCCATTATCATCTGGAATGTGGGAACAGGGG  
 AAGCCCTATAAACTTGGACGATATGCATTAGACATGATTTACAATGTGAGCTGGAACCGAATGGCAG  
 TCTGATCTGCACAGCTTCAAAGACAAGAAAGTGAAGTCAATGATCCCAGGAAACAAGAGATTGTTGCT  
 GAGAAGGAGAAAACACATGAAGGAGCAAGACCCATGAGAGCCATCTTCTGGCCGATGGCAATGTCTTCA  
 CCACTGGGTTTCCAGCCGATGAGCGAGCGGAGCTGGCTCTCTGGAATCCGAAAAATATGCAGGAACCAAT  
 TGCTCTTCATGAGATGGACACTAGCAATGGGGTGTGCTGCCTTTCTATGACCCTGACACCAGCATCATT  
 TACTTATGTGGAAAGGGTACAGCAGTATTCGCTATTTTGGATCACGGATGAATCCCGCTACGTCCTACT  
 ACCTCAACACATTCAGCAGCAAGGAGCCTCAGAGAGGGATGGGTTACATGCCAAGAGGGGACTTGTATGT  
 TAACAAATGTGAGATTGCCAGATTCTTCAAACCTCATGAGAGAAAGTGTGAACCTATTATTAGACTGTT  
 CCCAGGAAGTCTGACCTTTTCCAAGATGACCTGTATCTGACACAGCGGGCCAGAGGCCGCGCTGGAGG  
 CAGAAGAGTGGTTCGAAGGCAAGAAATGCAGACCCCAATCCTCATCTCTTGAAGCAGGGTACATCCAGG  
 CAAAAACAGGGATCTCAAGGTGGTCAAGAAGAACATTCTGGATAGCAAGCCCACTGCAAAACAAGAAGTGC  
 GACCTGATCAGCATCCCCAAGAAAACCACAGACACGGCCAGTGTGCAAAATGAAGCCAAGTTGGATGAGA  
 TTTTAAAAGAGATCAAATCTATAAAAAGACACAATCTGCAATCAAGATGAGCGTATTTCCAAGTTAGAACA  
 GCAGATGGCAAAGATAGCAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC201802 protein sequence  
 Red=Cloning site Green=Tags(s)

MRRVVRQSKFRHVFQAVKNDQCYDDIRVSRVTWSSFCVAVNPRFVAIIIEASGGGAFLVPLHKTGRID  
 KSYPTVCGHTGPVLDIDWCPHNDQVIASGSEDCVMVWQIPENGLTSLTEPVVILEGHSKRVGIVAWHP  
 TARNVLLSAGCDNAIIWNVGTGEALINLDDMHSDMIYNVSWNRNGSLICTASKDKKVRVIDPRKQEIVA  
 EKEKAHEGARPMRAIFLADGNVFTTGF SRMSERQLALWNPKNMQEPIALHEMDTSNGVLLPFYDPDTSII  
 YLCGKGDSSIRYFEITDESPYVHYLNTFSSKEPQRGMGYMPKRGLDVNKCEIARFFKLHERKCEPIIMTV  
 PRKSDLFQDDLYPDAGPEAALEAEWFEGKNADPILISLKHGYIPGKNRDLKVVKKNILDSKPTANKKC  
 DLSISPKKTTDTASVQNEAKLDEILKEIKSIKDTICNQDERISKLEQQMAKIAA

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk6084\\_e06.zip](https://cdn.origene.com/chromatograms/mk6084_e06.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_014325

**ORF Size:** 1422 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\\_014325.4](#)

**RefSeq Size:** 3858 bp

**RefSeq ORF:** 1425 bp

**Locus ID:** 23603

**UniProt ID:** [Q9ULV4](#)

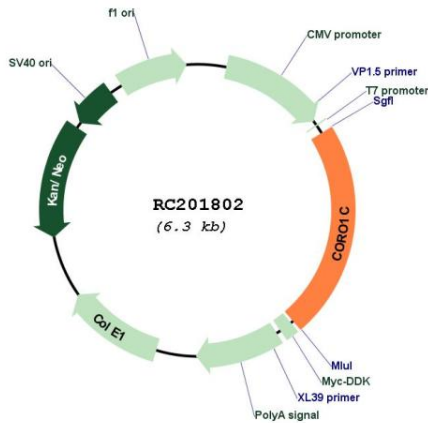
**Cytogenetics:** 12q24.11

**Domains:** WD40

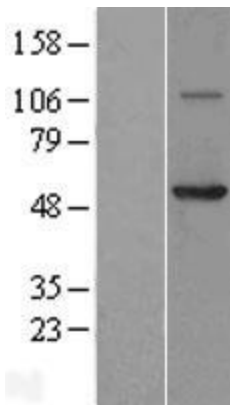
**MW:** 53.2 kDa

**Gene Summary:** This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]

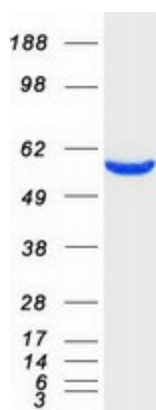
**Product images:**



Circular map for RC201802



Western blot validation of overexpression lysate (Cat# [LY415359]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201802 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified CORO1C protein (Cat# [TP301802]). The protein was produced from HEK293T cells transfected with CORO1C cDNA clone (Cat# RC201802) using MegaTran 2.0 (Cat# [TT210002]).