OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC115041

Coronin 3 (CORO1C) (NM_014325) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coronin 3 (CORO1C) (NM_014325) Human Untagged Clone
Tag:	Tag Free
Symbol:	Coronin 3
Synonyms:	HCRNN4
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

Fully Sequenced ORF:

>OriGene ORF within SC115041 sequence for NM_014325 edited (data generated by NextGen Sequencing)

ATGAGGCGAGTGGTACGACAGAGCAAGTTTCGGCATGTATTTGGGCAAGCGGTGAAAAAT
GACCAGTGCTATGATGACATCCGGGTTTCTCGTGTGACCTGGGATAGTTCCTTTTGTGCT
GTCAATCCCAGATTTGTTGCCATAATCATAGAGGCAAGTGGGGGAGGAGCGTTCCTTGTC
CTCCCTCTGCACAAGACTGGTCGAATTGACAAATCTTACCCTACAGTATGTGGCCACACA
GGACCAGTGCTGGACATAGACTGGTGCCCACATAACGATCAGGTCATTGCCAGCGGTTCA
GAGGACTGCACGGTCATGGTATGGCAGATCCCAGAAAATGGACTCACCCTTTCCCTGACT
GAACCTGTGGTGATTTTGGAAGGCCACTCAAAGAGAGTCGGCATCGTGGCTTGGCATCCA
ACGGCCCGCAATGTGCTTCTTAGTGCAGGCTGTGATAATGCCATTATCATCTGGAATGTG
GGAACAGGGGAAGCCCTTATAAACTTGGACGATATGCATTCAGACATGATTTACAATGTG
AGCTGGAACCGGAATGGCAGTCTGATCTGCACAGCTTCCAAAGACAAGAAAGTGAGAGTC
ATTGATCCCAGGAAACAAGAGATTGTTGCTGAGAAGGAGAAAGCACATGAAGGAGCAAGA
CCCATGAGAGCCATCTTCCTGGCCGATGGCAATGTCTTCACCACTGGGTTCAGCCGCATG
AGCGAGCGGCAGCTGGCTCTCTGGAATCCGAAAAATATGCAGGAACCAATTGCTCTTCAT
GAGATGGACACTAGCAATGGGGTGTTGCTGCCTTTCTATGACCCTGACACCAGCATCATT
TACTTATGTGGAAAGGGTGACAGCAGTATTCGCTATTTTGAGATCACGGATGAATCCCCG
TACGTCCACTACCTCAACACATTCAGCAGCAAGGAGCCTCAGAGAGGGATGGGTTACATG
CCCAAGAGGGGACTTGATGTTAACAAATGTGAGATTGCCAGATTCTTCAAACTTCATGAG
AGAAAGTGTGAACCTATTATTATGACTGTTCCCAGGAAGTCTGACCTTTTCCAAGATGAC
CTGTATCCTGACACAGCGGGGCCAGAGGCCGCGCTGGAGGCAGAAGAGTGGTTCGAAGGC
AAGAATGCAGACCCAATCCTCATCTCCTTGAAGCACGGGTACATTCCAGGCAAAAACAGG
GATCTCAAGGTGGTCAAGAAGAACATTCTGGATAGCAAGCCCACTGCAAACAAGAAGTGC
GACCTGATCAGCATCCCCAAGAAAACCACAGACACGGCCAGTGTGCAAAATGAAGCCAAG
TTGGATGAGATTTTAAAAGAGATCAAATCTATAAAAGACACAATCTGCAATCAAGATGAG
CGTATTTCCAAGTTAGAACAGCAGATGGCAAAGATAGCAGCCTGA

Clone variation with respect to NM_014325.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014325 unedited

CGGCACGAGGCAGTGCCAGGCTGGAGGCGGCAGCGGTTGGAGGCTTCGCCCGGCTTTGCA
GCGGGGACTTCGGCGGCGGCGCCTCAGGCACCTCGGCCCGGNACACGATGAGGCGAGTGG
TACGACAGAGCAAGTTTCGGCATGTATTTGGGCAAGCGGTGAAAAATGACCAGTGCTATG
ATGACATCCGGGTTTCTCGTGTGACCTGGGATAGTTCCTTTTGTGCTGTCAATCCCAGAT
TTGTTGCCATAATCATAGAGGCAAGTGGGGGAGGAGCGTTCCTTGTCCTCCCTCTGCACA
AGACTGGTCGAATTGACAAATCTTACCCTACAGTATGTGGCCACACAGGACCAGTGCTGG
ACATAGACTGGTGCCCACATAACGATCAGGTCATTGCCAGCGGTTCAGAGGACTGCACGG
TCATGGTATGGCAGATCCCAGAAAATGGACTCACCCTTTCCCTGACTGAACCTGTGGTGA
TTTTGGAAGGCCACTCAAAGAGAGTCGGCATCGTGGCTTGGCATCCAACGGCCCGCAATG
TGCTTCTTAGTGCAGGCTGTGATAATGCCATTATCATCTGGAATGTGGGAACAGGGGAAG
CCCTTATAAACTTGGACGATATGCATTCAGACATGATTTACAATGTGAGCTGGAACCGGA
ATGGCAGTCTGATCTGCACAGCTTCCAAAGACAAGAAAGTGAGAGTCATTGATCCCAGGA
AACAAGANATTGNTGCTGAGAAGGAGAAAGCNCATGAAGGAGCAAGANCCATGANAGCCT
TTTTCTGGCCGATGGCAATGTC

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

3' Read Nucleotide Sequence:

```
>OriGene 3' read for NM_014325 unedited
TATGAACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTGGAAACAAAGATTTTTATCTCTGAAAAAGAAAACCAGT
GTTTTGACAAAACACTTTGGCCCCTCTTTAAAAACCCACCCAGGAGTAATTCACTGGCCC
CTTTTGGGAAGTCATGGCTTTAAAAAAAAAAAAAAAAAAGACCAAACCGGGAAATAATCC
CCAATGCTTTGGGCCCCCACTCTGAACTTGGGTGGGCATCCCTTCCTTAAATAAGTCATA
AGCTACAAACTAAAATTAGGGGAACTTTCCCTTGCCCCCCTGGTTTTTTTTGAACCACAT
GCCCTACGGGGTTTTACCCCCCTCAACAACTTTTCTTTATTAATTCCATATCCAAACCTT
TAAACACTTCTGAATCTTAAACAAAAGGGCCCCAACAAATTACCTTTGTTAAAAAACAAA
TACCGATTTGAAAATAAGTCATTGCCCTTTTTGGTTTCTTTACATCTCAAGATCCCCTTT
CATATTAAACACCTTCCTTCCCCCCCCCCAAACCCCCTTAAAAATTTTAAAGCCCTGAAA
TTTTGGAAACCCCCCTCCCCATTTTGGCTGGAAAAAAACAAGGGCCTTTTTTTACACGGA
CATTAATCCCAGTTTGGGTGTGACCACACTTTGGCCTCACCCTGGGTCCCTGGATACAAA
AGTTTTCAGCCCGTCCCATGGCCACACCAGCACGAACATGTGCAAGAAATTCCTTTGTGG
GCCCAATGGCACTACCATTTTACGTTTAATCCCAGACAGGCCTTCCCAAAAAGAGCTCCT
TTAATCTTGGTTCCCCAGCCTGCCCTTTAAAAAACTGGAACCGGGCAAGTTCCGCCTACC
CAGGATGAACGGTGACAGAGCTATCTTTGGCCCCTCCCAGTCGGGGACCTCTGTGCTTGA
CCCCCCTTGTGCAAATGAAAGCAGGCAG
```

Restriction Sites: NotI-NotI

ACCN: NM_014325

Insert Size: 4000 bp

OTI Disclaimer: 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).

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_014325.2, NP_055140.1

RefSeq Size: 3828 bp

RefSeq ORF: 1425 bp

Locus ID: 23603

UniProt ID: Q9ULV4

Cytogenetics: 12q24.11

Domains: WD40

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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]
Transcript Variant: This variant (2) has an alternate first exon and initiates translation at a downstream AUG compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a. Variants 2 and 3 both encode the same isoform (b).
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US