

Product datasheet for **SC105114**

C9orf89 (CARD19) (NM_032310) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C9orf89 (CARD19) (NM_032310) Human Untagged Clone
Tag: Tag Free
Symbol: CARD19
Synonyms: BinCARD; C9orf89
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_032310 edited

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GAATTCGACACGAGGGCCCGCGGGCGGCGTTTCGCTGGAGCTGGTGGACCGGGCGGCTGAC  
CGAGGGGCGGACGCGCGGGGCGAGACCGCTGGGGACTGCGGGCGGCGCTGTGTCCGTC  
GCCATGACAGATCAGACCTATTGTGACCGCCTGGTGCAGGACACGCCTTTCCTGACAGGC  
CATGGGCGCTTGAGTGAGCAGCAGGTGGACAGGATCATCCTCCAGCTGAACCGTTACTAC  
CCACAGATCCTTACCAACAAGGAGGCGGAAAAGGTGCTGAGGAGGACCCATGAGCTTCT  
GGCTGGCCTGGGCCTTGTGTGGGACTGGCCCTGCTCCTGTACTGCTATCCGCCAGACCC  
CAAGGGCCTGCCAGGGACCCGGCGCTCCTCGGTTTCTCGCCTGTCATCATCGACAGACA  
TGTCAGCCGCTACCTGCTGGCCTTCTGGCAGATGACCTAGGGCGGCTCTGACAGACCT  
GGACCCAGGGCCTCACCTGCCACTCAACCAAGAGTCCTCGAGCCGGCCCGCAAGGGGA  
CTGCTGCTTCTTTTTCTAAATGCATATTTTTTCATTATTTATAATTTGTGTAACCAACA  
CCTTACCTTACAAGGTGCTGACCATATTAATGTTTCAGGTTCTCTCAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAACTCGAC
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032310 unedited
 GCGCCGNAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCCCGCGG
 GCGGCGTTTCGCTGGAGCTGGTGGACCGGGCGGCTGACCGAGGGGGCGGACGCGCGGGGGG
 CAGACCGCTGGGACTGCGGGCGGCGCTGTGTCCGTCCGCATGACAGATCAGACCTATTG
 TGACCGCTGGTGCAGGACACGCCTTTCTGACAGGCCATGGGCGCTTGAGTGAGCAGCA
 GGTGGACAGGATCATCTCCAGTGAACGTTACTACCCACAGATCCTTACCAACAAGGA
 GGCGGAAAAGGTGCTGAGGAGGACCCATGAGCTTCTGGCTGGCCTGGGCTTGCTGTGG
 GACTGGCCCTGCTCCTGTACTGCTATCCGCCAGACCCCAAGGGCCTGCCAGGGACCCGGC
 GCGTCTCGTTTTCTCGCCTGTATCATCGACAGACATGTCAGCCGCTACCTGCTGGCCT
 TCCTGGCAGATGACCTAGGGCGGCTCTGACAGACCCTGGACCCAGGGCCTCACCTGCCAC
 TCAACCAAGAGTCCTCGAGCCGCCCGCAAGGGGACTGCTGCTTCTTTTTCTAAATGC
 ATATTTTTATTATTTATAATTTGTGTAACCAACACCTTACCTTACAAGGTGCTGAC
 CATATTAATGTTGAGTTCTCTCANNNAANNANNNNNNNAANNNNNANNNNAAAAAA
 CTCGACTTAGATTGCGCCGCCGTATAGCTGTTTTCTGAACAGATCCCGGGTGGCATCC
 CTGTGACCCCTCCCAGTGCCTCTCTGGCCCTGGGAGTGCCACTCCATGCCACAGCCN
 NTGTCTAATAAAAATAAGTTGCATCATTTNGGCTGACTAGGTGCCCTCATAATATATGTT
 GAGGGGGGGGGTTTTNNAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032310 unedited
 NGGGGGNNNNNGGGGNNNNNNNNNNNTTTNNNNNNNNNTTTTGACTTAGNCACG
 CGGNCCGCATACNANGATCGNGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTGGAAAAACCTCGAACTTTAATATGGGCAGCACCTTGTAAAGGGGAAGGGGGTTTTT
 TACACAAATTATAAATAATGAAAAATATGCATTTAAAAAAGCAGCAGTCCCCTTG
 GCGGGCCGGCTCGAGGACTTTTTGGTTGAGTGGCAGGTGAGGCCCTGGTCCAGGGTCTG
 TCAAAACCCCTTAGTCATTTGCCAAGAAGGCCAACAGGTAACGGCTGACATGTCTGTC
 GATGATGACAGGGGAAAAACCGAGGACCCCGGGTCCCTGGCAGGCCCTGGGGTCTGG
 CGGATAGCAGTACAGGAGCAGGGCCAGTCCCACAGCAAGGCCAGCCAGCCAGGAAGCT
 CATGGGTCTCTCAACACCTTTTCCGCCTCCTTGTGGTAAGGATCTGTGGGTAGTAAC
 GGTTCACCTGGAGGATGATCCTGTCCACCTGCTGGTCACTCAAGCGCCCATGGCCTGTCA
 GGAAAGGCGTGTCTGCACACGCGGTCACAATAGGTCTGATCTGTATGGCGACGGACA
 CAGCGCCGCCGAGTCCCAACGGTCTGCCCCGNCGCGCTCCGCCCTTGGTCAGCCG
 CCCGGTCCACAGCTCCAGCGAACGCGCCCGGGCCCTCGTCCGAATTCCGGCCGCC
 CTATAGTGAGTCGTTTACAAAATTCTGACGGTTCACTAAACGAGCTCTGTTATATAGAC
 CTNCCACCGTACACGCCTACCGNCCATTTGCGNAACGGGGGGGGTTATTACGACATTT
 TGNAAGTCCCGTGATTTTTGTGGCAAAACAACCTNC

Restriction Sites:

NotI-NotI

ACCN:

NM_032310

Insert Size:

710 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:	<ol style="list-style-type: none">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_032310.2 , NP_115686.2
RefSeq Size:	2291 bp
RefSeq ORF:	687 bp
Locus ID:	84270
UniProt ID:	Q96LW7
Cytogenetics:	9q22.31
Protein Families:	Transmembrane
Gene Summary:	Plays a role in inhibiting the effects of BCL10-induced activation of NF-kappa-B. May inhibit the phosphorylation of BCL10 in a CARD-dependent manner.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).