

Product datasheet for **SC213503**

CARD15 (NOD2) (NM_022162) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CARD15 (NOD2) (NM_022162) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NOD2
Synonyms: ACUG; BLAU; BLAUS; CARD15; CD; CLR16.3; IBD1; NLR2; NOD2B; PSORAS1; YAOS
ACCN: NM_022162
Insert Size: 1286 bp
Insert Sequence: >SC213503 3'UTR clone of NM_022162
 The sequence shown below is from the reference sequence of NM_022162. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCTGCAGGGACACCAGACTCTTGCTTTGAGTCTCCGGGAGGATGTTCTGCTCAGTTTGTGTTGTGAGC
AGGCTGTGAGTTTGGGCCCCAGAGGCTGGGTGACATGTGTTGGCAGCCTCTTCAAATGAGCCCTGTCC
TGCCCTAAGGCTGAACTTGTCTTCTGGGAACACCATAGGTACCTTTATTCTGGCAGAGGAGGGAGCATC
AGTGCCCTCCAGGATAGACTTTTCCCAAGCCTACTTTTGGCATTGACTTCTTCCCAAGATTCAATCCCA
GGATGTACAAGGACAGCCCTCCTCCATAGTATGGGACTGGCCTCTGCTGATCCTCCAGGCTTCCGTG
TGGGTCAGTGGGGCCATGGATGTGCTTGTAACTGAGTGCTTTTGGTGGAGAGGCCCGCCCTCTCAC
AAAAGACCCCTTACCACTGCTCTGATGAAGAGGAGTACACAGAACACATAATTCAGGAAGCAGCTTCC
CCATGTCTCGACTCATCCATCCAGGCCATTCCCGTCTCTGGTTCCTCCCTCCTCTGGACTCCTGCA
CACGCTCCTTCTCTGAGGCTGAAATTCAGAATATTAGTGACCTCAGCTTTGATATTTCACTTACAGCA
CCCCAACCCCTGGCACCCAGGGTGGGAAGGGCTACACCTTAGCCTGCCCTCCTTTCCGGTGTAAAGAC
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CCACACTCCAGCTGGGATCACATGTGGACTTTTATTTCCAGTGAATCAGTTACTCTTCAGTTAAGCCT
TTGGAAACAGCTCGACTTTAAAAAGCTCCAAATGCAGCTTTAAAAAATTAATCTGGGCCAGAATTTCAA
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TTATGCTGTAATAATCAGAGGGGAATAAACTGTTGAGTCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_022162.3
Summary:	This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NFkB protein. Mutations in this gene have been associated with Crohn disease and Blau syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
Locus ID:	64127
MW:	47.2