

## Product datasheet for **SC216020**

### Dectin 1 (CLEC7A) (NM\_197950) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Dectin 1 (CLEC7A) (NM_197950) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CLEC7A
Synonyms:	BGR; CANDF4; CD369; CLECSF12; DECTIN1; SCARE2
ACCN:	NM_197950
Insert Size:	1711 bp



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**Insert Sequence:** >SC216020 3'UTR clone of NM\_197950  
 The sequence shown below is from the reference sequence of NM\_197950. 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
AGTATTTGTGAGAAGAAGTTTTCAATGTAAGAGGAAGGGTGGAGAAGGAGAGAGAAATATGTGAGGTAG
TAAGGAGGACAGAAAACAGAACAGAAAAGAGTAACAGCTGAGGTCAAGATAAATGCAGAAAATGTTTAG
AGAGCTTGGCCAACTGTAATCTTAACCAAGAAATTGAAGGGAGAGGCTGTGATTTCTGTATTTGTGAC
CTACAGGTAGGCTAGTATTATTTTTCTAGTTAGTAGATCCCTAGACATGGAATCAGGGCAGCCAAGCTT
GAGTTTTTATTTTTATTTATTTATTTTTTGGAGATAGGGTCTCACTTTGTTACCCAGGCTGGAGTGCA
GTGGCACAATCTGACTCACTGCAGCTATCTCTCGCCTCAGCCCCTCAAGTAGCTGGGACTACAGGTGC
ATGCCACCATGCCAGGCTAATTTTTGGTGTTTTTGTAGAGACTGGGTTTTGCCATGTTGACCAAGCTG
GTCTCTAACTCCTGGGCTTAAGTATCTGCCCGCTTGGCCTCCCAAAGTCTGGGATTACAGATGTGA
GCCACCACACTGGCCCCAAGCTTGAATTTTCATTCTGCCATTGACTTGGCATTTACCTTGGGTAAGCC
ATAAGCGAATCTTAATTTCTGGCTCTATCAGAGTTGTTTCATGCTCAACAATGCCATTGAAGTGCACGG
TGTGTTGCCACGATTTGACCCTCAACTTCTAGCAGTATATCAGTTATGAACTGAGGGTGAATATATTT
CTGAATAGCTAAATGAAGAAATGGGAAAAATCTTACCACAGTCAGAGCAATTTTATTATTTTCATCA
GTATGATCATAATTATGATTATCATCTTAGTAAAAAGCAGGAACCTCTACTTTTTCTTTATCAATTTAA
TAGCTCAGAGAGTACATCGCCATATCTCTAATAGAATCTTTTTTTTTTTTTTTTTTTTGGACAGAG
TTTTCGCTCTTGTGCCCAGGCTGGAGTGCAACGGCAGCATCTCGGCTCACCGCAACCTCCGCCCTGG
GTTCAAGCAATTTCTCTGCCTCAGCCTCCCAAGTAGCTGGGATTACAGTCAGGCACCACCCAGCCGGC
TAATTTTTGTATTTTTTGTAGTAGAGACAGGTTTTCTCCATGTCGGTCAGGGTAGTCCCGAACTCCTGACC
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GAATCTTGATAATATGTAATTGTAGGAAACTGCTCTCATAGGAAAGTTTTCTGCTTTTTAAATACAA
AAATACATAAAAAATACATAAAATCTGATGATGAATATAAAAAAGTAACCAACCTCATTGGAACAAGTAT
TAACATTTTGGAAATGTTTTATTAGTTTTGTGATGACTGTTTTACAATTTTTACCATTTTTTTCAGT
AATTACTGTAATAATGTTATTGGAATGAACTATATTTCTCATGTGCTGATTTGTCTTATTTTTTTT
CATACTTTCCACTGGTCTATTTTTATTCCAATGGATATTTCTGTATTACTAGGGAGGCATTTACAG
TCCTCTAATGTTGATTAATATGTGAAAAGAAATGTACCAATTTTACTAAATTATGCAGTTTAAATGG
ATGATTTTATGTTATGTGGATTTCAATTTCAATAAAAAAAACTCTTATCAAAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**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\\_197950.3](#)

**Summary:**

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an immunoreceptor tyrosine-based activation motif. It functions as a pattern-recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in innate immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]

**Locus ID:**

64581

**MW:**

64.8