

Product datasheet for **SC216268**

Dectin 1 (CLEC7A) (NM_197948) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Dectin 1 (CLEC7A) (NM_197948) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CLEC7A
Synonyms:	BGR; CANDF4; CD369; CLECSF12; DECTIN1; SCARE2
ACCN:	NM_197948
Insert Size:	1766 bp



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Insert Sequence: >SC216268 3'UTR clone of NM_197948
 The sequence shown below is from the reference sequence of NM_197948. 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
TGTATGGATTCACGTGTCAGTCATTTATGACCAACTGTGTAGTGTGCCCTCATATAGTATTTGTGAGAA
GAAGTTTTCAATGTAAGAGGAAGGGTGGAGAAGGAGAGAGAAATATGTGAGGTAGTAAGGAGGACAGAA
AACAGAACAGAAAAGAGTAACAGCTGAGGTCAAGATAAATGCAGAAAATGTTTAGAGAGCTTGGCCAAC
TGTAATCTTAACCAAGAAATTGAAGGGAGAGGCTGTGATTTCTGTATTTGTGACCTACAGGTAGGCTA
GTATTATTTTTCTAGTTAGTAGATCCCTAGACATGGAATCAGGGCAGCCAAGCTTGAGTTTTATTTTT
TATTTATTTATTTTTTGTAGATAGGGTCTCACTTTGTTACCCAGGCTGGAGTGCAGTGGCACAATCTCG
ACTCACTGCAGCTATCTCTCGCCTCAGCCCTCAAGTAGCTGGGACTACAGGTGCATGCCACCATGCCA
GGCTAATTTTTGGTGTTTTTGTAGAGACTGGGTTTTGCCATGTTGACCAAGCTGGTCTCTAACTCCTG
GGCTTAAGTGATCTGCCCGCCTTGGCCTCCCAAAGTGCTGGGATTACAGATGTGAGCCACCACACCTGG
CCCAAGCTTGAATTTTCATTCTGCCATTGACTTGGCATTACCTTGGGTAAAGCCATAAGCGAATCTTA
ATTTCTGGCTCTATCAGAGTTGTTTCATGCTCAACAATGCCATTGAAGTGACCGGTGTGTTGCCACGAT
TTGACCTCAACTTCTAGCAGTATATCAGTTATGAACTGAGGGTGAATATATTTCTGAATAGCTAAAT
GAAGAAATGGGAAAAATCTTCACCACAGTCAGAGCAATTTTATATTTTCATCAGTATGATCATAATT
ATGATTATCATCTTAGTAAAAAGCAGGAACCTCACTTTTTCTTTATCAATTAATAGCTCAGAGAGTA
CATCTGCCATATCTCTAATAAGAACTTTTTTTTTTTTTTTTTTTTTTGTAGACAGAGTTTCGCTCTTGTG
CCCAGGCTGGAGTGCAACGGCACGATCTCGGCTCACCGCAACCTCCGCCCTGGGTTCAAGCAATTTCT
CCTGCCTCAGCCTCCCAAGTAGCTGGGATTACAGTCAGGCACCACACCCCGCTAATTTTGTATTTT
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TGCTCGGCTCCCAAGTGTGGGATTACAGGCTGAGCCACTGCACCCAGCCTAGAATCTTGATAAAT
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ATGTTTTATTAGTTTTGTGATGACTGTTTTACAATTTTACCATTTTTTTCAGTAATTACTGAAAAT
GGTATTATTGGAATGAACTATATTTCTCATGTGCTGATTTGTCTATTTTTTTCATACTTTCCCACT
GGTGCTATTTTTATTTCCAATGGATATTTCTGTATTACTAGGGAGGCATTTACAGTCCTCTAATGTTGA
TTAATATGTGAAAAGAAATTGTACCAATTTTACTAAATTATGCAGTTTAAATGGATGATTTTATGTTA
TGTGGATTTCAATTAATAAAAAAACTCTTATCAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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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_197948.3](#)

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:

67.8