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Product datasheet for SC216267

Dectin 1 (CLEC7A) (NM_197949) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Dectin 1 (CLEC7A) (NM_197949) Human 3' UTR Clone
Symbol:	Dectin 1
Synonyms:	BGR; CANDF4; CD369; CLECSF12; DECTIN1; SCARE2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_197949
Insert Size:	1766 bp

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Insert Sequence:

>SC216267 3'UTR clone of NM_197949
The sequence shown below is from the reference sequence of NM_197949. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGTATGGATTCACGTGTCAGTCATTTATGACCAACTGTGTAGTGTGCCCTCATATAGTATTTGTGAGAA
GAAGTTTTCAATGTAAGAGGAAGGGTGGAGAAGGAGAGAGAAATATGTGAGGTAGTAAGGAGGACAGAA
AACAGAACAGAAAAGAGTAACAGCTGAGGTCAAGATAAATGCAGAAAATGTTTAGAGAGCTTGGCCAAC
TGTAATCTTAACCAAGAAATTGAAGGGAGAGGCTGTGATTTCTGTATTTGTCGACCTACAGGTAGGCTA
GTATTATTTTTCTAGTTAGTAGATCCCTAGACATGGAATCAGGGCAGCCAAGCTTGAGTTTTTATTTTT
TATTTATTTATTTTTTTGAGATAGGGTCTCACTTTGTTACCCAGGCTGGAGTGCAGTGGCACAATCTCG
ACTCACTGCAGCTATCTCTCGCCTCAGCCCCTCAAGTAGCTGGGACTACAGGTGCATGCCACCATGCCA
GGCTAATTTTTGGTGTTTTTTGTAGAGACTGGGTTTTGCCATGTTGACCAAGCTGGTCTCTAACTCCTG
GGCTTAAGTGATCTGCCCGCCTTGGCCTCCCAAAGTGCTGGGATTACAGATGTGAGCCACCACACCTGG
CCCCAAGCTTGAATTTTCATTCTGCCATTGACTTGGCATTTACCTTGGGTAAGCCATAAGCGAATCTTA
ATTTCTGGCTCTATCAGAGTTGTTTCATGCTCAACAATGCCATTGAAGTGCACGGTGTGTTGCCACGAT
TTGACCCTCAACTTCTAGCAGTATATCAGTTATGAACTGAGGGTGAAATATATTTCTGAATAGCTAAAT
GAAGAAATGGGAAAAAATCTTCACCACAGTCAGAGCAATTTTATTATTTTCATCAGTATGATCATAATT
ATGATTATCATCTTAGTAAAAAGCAGGAACTCCTACTTTTTCTTTATCAATTAAATAGCTCAGAGAGTA
CATCTGCCATATCTCTAATAGAATCTTTTTTTTTTTTTTTTTTTTTGAGACAGAGTTTCGCTCTTGTTG
CCCAGGCTGGAGTGCAACGGCACGATCTCGGCTCACCGCAACCTCCGCCCCCTGGGTTCAAGCAATTCT
CCTGCCTCAGCCTCCCAAGTAGCTGGGATTACAGTCAGGCACCACCACACCCGGCTAATTTTGTATTTT
TTTAGTAGAGACAGGGTTTCTCCATGTCGGTCAGGGTAGTCCCGAACTCCTGACCTCAAGTGATCTGCC
TGCCTCGGCCTCCCAAGTGCTGGGATTACAGGCGTGAGCCACTGCACCCAGCCTAGAATCTTGTATAAT
ATGTAATTGTAGGGAAACTGCTCTCATAGGAAAGTTTTCTGCTTTTTAAATACAAAAATACATAAAAAT
ACATAAAATCTGATGATGAATATAAAAAAGTAACCAACCTCATTGGAACAAGTATTAACATTTTGGAAT
ATGTTTTATTAGTTTTGTGATGTACTGTTTTACAATTTTTACCATTTTTTTCAGTAATTACTGTAAAAT
GGTATTATTGGAATGAAACTATATTTCCTCATGTGCTGATTTGTCTTATTTTTTTCATACTTTCCCACT
GGTGCTATTTTTATTTCCAATGGATATTTCTGTATTACTAGGGAGGCATTTACAGTCCTCTAATGTTGA
TTAATATGTGAAAAGAAATTGTACCAATTTTACTAAATTATGCAGTTTAAAATGGATGATTTTATGTTA
TGTGGATTTCATTTCAATAAAAAAAAACTCTTATCAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_197949.3

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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

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