

Product datasheet for SC114230

CLEC1 (CLEC1A) (NM_016511) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC1 (CLEC1A) (NM_016511) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC1
Synonyms:	CLEC-1; CLEC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114230 sequence for NM_016511 edited (data generated by NextGen Sequencing)

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ATGCAGGCCAAGTACAGCAGCACGAGGGACATGCTGGATGATGATGGGGACACCACCATG
AGCCTGCATTCTCAAGCCTCTGCCACAACCTCGGCATCCAGAGCCCCGGCGCACAGAGCAC
AGGGCTCCCTCTTCAACGTGGCGACCAAGTGGCCCTGACCCTGCTGACTTTGTGCTTGGTG
CTGCTGATAGGGCTGGCAGCCCTGGGGCTTTTGTTTTTTTCAGTACTACCAGCTCTCCAAT
ACTGGTCAAGACACCATTCTCAAATGGAAGAAAGATTAGGAAATACGTCCCAAGAGTTG
CAATCTCTTCAAGTCCAGAATATAAAGCTTGCAGGAAGTCTGCAGCATGTGGCTGAAAAA
CTCTGTCGTGAGCTGTATAACAAAGCTGGAGCACACAGGTGCAGCCCTTGTACAGAACAA
TGGAAATGGCATGGAGACAATTGCTACCAGTTCTATAAAGACAGCAAAAGTTGGGAGGAC
TGTAATATTTCTGCCTTAGTGAAGAACTCTACCATGCTGAAGATAAACAACAAGAAGAC
CTGGAATTTGCCCGTCTCAGAGCTACTCTGAGTTTTTCTACTCTTATTGGACAGGGCTT
TTGCGCCCTGACAGTGGCAAGGCCTGGCTGTGGATGGATGGAACCCCTTCACTTCTGAA
CTGTTCCATATTATAATAGATGTCACCAGCCCAAGAAGCAGAGACTGTGTGGCCATCCTT
AATGGGATGATCTTCTCAAAGGACTGCAAAGAATTGAAGCGTTGTGTCTGTGAGAGAAGG
GCAGGAATGGTGAAGCCAGAGAGCCTCCATGTCCCCCTGAAACATTAGGCGAAGGTGAC
TGA
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Clone variation with respect to NM_016511.2
77 g=>c



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016511 unedited</p> <pre> ACAGGGGAACCCCNNTCCCNCCGCNNGGTTCAAATTGTATACGACTCATATAGGCG GCCGCGNAATTCGCACCAGCACATTTCACTCTCACCGCTGTAGGAATCCAGATGCAGGCC AAGTACAGCAGCACGAGGGACATGCTGGATGATGATGGGGACACCACCATGAGCCTGCAT TCTCAAGCCTCTGCCACAACCTCGGCATCCAGAGCCCCGGCGCACAGAGCACAGGGCTCCC TCTTCAACGTGGCGACCAGTGGCCCTGACCTGCTGACTTTGTGCTTGGTGTCTGTGATA GGGCTGGCAGCCCTGGGGCTTTTTTTTTTTCAGTACTACCAGCTCTCCAATACTGGTCAA GACACCATTTCTCAAATGGAAAGAAAGATTAGGAAATACGTCCCAAGAGTTGCAATCTCTT CAAGTCCAGAATATAAAGCTTGCAGGAAGTCTGCAGCATGTGGCTGAAAACTCTGTCGT GAGCTGTATAACAAAGCTGGAGCACACAGGTGCAGCCCTGTACAGAACAATGGAATGG CATGGAGACAATTGCTACCAGTTCTATAAAGACAGCAAAAGTTGGGAGGACTGTAATAT TTCTGCCTTAGTAAAACTCTACCATGCTGAAAGATAAACAACAAGAAGACCTGGAATTT GCCGCTCTCAGAGCTACTCTGAGTTTTTCTACTTTATTGGACAGGGCTTTTGCGCCCT GACAGTGGCAAGGCTGNCTGTGGATGGATGGAACCCCTTCACTTCTGAAACTGTNCCAT ATATAATAGATGTCACCAGCCCAAGAAGCAGAGACTGTGTGGCCATCCTTAATGGGGATG ATCTCTCAAAGGACTGCAAAGNATTGAAGNCGTTGNGTCTGGTGAAAGAAAGGCANGAAA TGGTGAACCANANAAGCCTCCATGTTCCCCCTGTAACATTAAGGCCAAGGTGCACTGA TNCCCCTTTTGCCACTACCATAANCANAGTGAGCCAGGCCGGTGCCAAGCAAG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016511 unedited</p> <pre> CNGTTTTAAACCCTTTTTTTTTCCAGTATTTACATTTATTATTATAAATCTTCAGTACCT GGAAAGGGTATAATATACTGGGCTCATATGGGAAGAAAAATAGGGAAGTGGAACTATTA CAGGTGCAGATGAAGAGGCTCACTTTTTTCTGGTCTTTAATCTCTCTGAAGGGAATATCG GGGACGGTAGTTCTGATATGAAACGGAGATGGGGATATATTTCTTCTGGGAGAAATTC CTATGGAGGGGAGACAATTATCAGAGTCTTAATGGACACAGGAAGGAATGCTTATAAGGC ATTGAGATTTGAGATTCTCATATCAAGTGACATCCCTGTTGGGAAACGGCATGGACAAGG CAGATGGGGTCTTTACTGATGGATTGGGAAGGGACTAGTATGAACTGAAACAAACAAAA GAATTCCTTGTGTATTTGCTGGTACAATCTGGGAAGTACTGCAATTTCTGATGGACTA CTTGACTGTCAGAGAAAAGGATGTTACCTCAATGTATTTCTCTACTTCAAAAAGTTTCT TATTCACCAAGTGAAGGAAGACATGAAAACAGGGAGGTGATATTAGACATTGAGAAGA AAGAGAGCTAANAGTTATCTCTAAGCCAAGAAGGCAGATGACATTATGGGTTTCTGAGGT TGTTGGTGGCATGTAAATAAGACTTCTTGTGACTGTTAAATACGTGCATAAACCCAAGC TCAGAATGCTGGTATCCTGGACAGGGAACACGAGAACCATTGTTGACTAGTCAGAGAG ATAGTCTTCCCTGATATGNTTCATTTTCCAATGTCTCAACTAGCCCTTGCTTTGGCACC GCCTGGCTCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016511
Insert Size:	1750 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_016511.2 , NP_057595.2
RefSeq Size:	1791 bp
RefSeq ORF:	843 bp
Locus ID:	51267
UniProt ID:	Q8NC01
Cytogenetics:	12p13.2
Domains:	CLECT
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The encoded protein may play a role in regulating dendritic cell function. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>