

Product datasheet for **SC305887**

CLEC4C (NM_130441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC4C (NM_130441) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC4C
Synonyms:	BDCA-2; BDCA2; CD303; CLECSF7; CLECSF11; DLEC; HECL; PRO34150
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_130441 edited ATGGTGCCTGAAGAAGAGCCTCAAGACCGAGAGAAAGGACTCTGGTGGTCCAGTTGAAG GTCTGGTCCATGGCAGTCGTATCCATCTTGCTCCTCAGTGTCTGTTTCACTGTGAGTTCT GTGGTGCCTCACAAATTTTATGTATAGCAAACTGTCAAGAGGCTGTCCAAGTTACGAGAG TATCAACAGTATCATCCAAGCCTGACCTGCGTCATGGAAGGAAAGGACATAGAAGATTGG AGCTGCTGCCAACCCCTTGACTTCATTTAGTCTAGTTGCTACTTTATTTCTACTGGG ATGCAATCTTGGACTAAGAGTCAAAGAAGTCTTCTGTGATGGGGGCTGATCTGGTGGT ATCAACACCAGGGAAGAACAGGATTTTCATCATTGCAATCTGAAAAGAAATCTTCTTAT TTTCTGGGCTGTGAGATCCAGGGGTCGGCGACATTGGCAATGGGTTGACCAGACACCA TACAATGAAAATGTCACATTCTGGCACTCAGGTGAACCAATAACCTTGATGAGCGTTGT GCGATAATAAATTTCCGTTCTTCAAGAAGATGGGGCTGGAATGACATTCAGTGCATGTA CCTCAGAAGTCAATTTGCAAGATGAAGAAGATCTACATATAA
Restriction Sites:	Please inquire
ACCN:	NM_130441
Insert Size:	600 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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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:	<u>NM_130441.2, NP_569708.1</u>
RefSeq Size:	1314 bp
RefSeq ORF:	642 bp
Locus ID:	170482
UniProt ID:	<u>Q8WTT0</u>
Cytogenetics:	12p13.31
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 signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript, and encodes the longer isoform (1).</p>