

Product datasheet for **SC115060**

CLEC4E (NM_014358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC4E (NM_014358) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC4E
Synonyms:	CLECSF9; MINCLE
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014358, the custom clone sequence may differ by one or more nucleotides

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ATGAATTCATCTAAATCATCTGAAACACAATGCACAGAGAGAGGATGCTTCTCTCCAAATGTTCTTAT
GGACTGTTGCTGGGATCCCCATCCTATTTCTCAGTGCCTGTTTCATCACCAGATGTGTTGTGACATTTTCG
CATCTTTCAAACCTGTGATGAGAAAAAGTTTCAGCTACCTGAGAATTTACAGAGCTCTCCTGCTACAAT
TATGGATCAGGTTCAAGTCAAGAATTGTTGTCCATTGAACTGGGAATATTTCAATCCAGCTGCTACTTCT
TTTCTACTGACACCATTTCTGGGCGTTAAGTTTAAAGAACTGCTCAGCCATGGGGGCTCACCTGGTGGT
TATCAACTCACAGGAGGAGCAGGAATTCCTTTCTACAAGAAACCTAAAATGAGAGAGTTTTTTATTGGA
CTGTCAGACCAGGTTGTCGAGGGTCAGTGGCAATGGGTGGACGGCACACCTTTGACAAAGTCTCTGAGCT
TCTGGGATGTAGGGGAGCCCAACAACATAGCTACCCTGGAGGACTGTGCCACCATGAGAGACTCTTCAA
CCCAAGGCAAAATTTGGAATGATGTAACCTGTTTCTCAATTATTTTCGGATTTGTGAAATGGTAGGAATA
AATCCTTTGAACAAAGGAAAATCTCTTTAA
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5' Read Nucleotide Sequence: >OriGene 5' read for NM_014358 unedited
 NTGTCGGCTTTTGTATACGACTCACTATAGGCGGCCCGCGATTCCGGCACCAGNAGAGAGA
 GA
 GA
 GA
 GAGAAAAAATGAATTCATCTAAATCATCTGAAACACAATGCACAGAGAGAGGATGCTTCT
 CTTCCCAAATGTTCTTATGGACTGTTGCTGGGATCCCCATCCTATTCTCAGTGCCTGTT
 TCATCACCAGATGTGTTGTGACATTTTCGCATCTTTCAAAACCTGTGATGAGAAAAAGTTTC
 AGCTACCTGAGAATTTACAGAGCTCTCCTGCTACAATTATGGATCAGGTATAATAGTCC
 CAAAGGTGAACATCAAATTTACAAAGCAACATTTTCTGGCTTCTAGATTGACTTTGGGA
 CAGGTGAGATATAGTGGATTAGGTCTTATTTTTCAAAGCAAAATGTAAATCCTAGAA
 ATTTGGTGTGCAATTAGCATTGGGGCAGAAAGTCTTGGGGACATTATAGTAACTTTTA
 GAATAAATTTGAGGGTATGCTGAACAGTAAATCTGGAAGTGAAGGTATTATCCCAG
 GAGTGACCTTTTTTTTTTTCATTACCTACTTCCAAAATGAGATGGAGAAAAACGTATGG
 AGTAGANGATTTATAAATATCTCACAAATATACTCTCTATGCTTCTCTATGCATACTGT
 TGCAAGTCTAGCAAATGCTACATGACACTAAAAAGTGACTTCTTCTCTGAGCTATAAT
 TTCTCCCATTAATTTGGAGAGCTACGAGACTATTTATATAGACCTC

3' Read Nucleotide Sequence: >OriGene 3' read for NM_014358 unedited
 GACCGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTATAACATTTAAACTACTTATTTTTATTTATATCAGAGTAACAAATACTTATGAAGTC
 CTTTGAAGTTCAGCGCACAAATTTCTCGTGTGGGGCGGGGGGTGTGGCCATGTTCTTGCT
 CTTCTCTTTACACATTTGAGTTGGGCCTTCTGTTCTTAAAGAAATTTTCTTTGTTC
 AAGGATTTATTCTACCATTTTACAAAATCCGAAAATAATTGAGGAAACAGGTTACATCAT
 TCCAATTTTGCCTTGGGTTTAAAAGTCTCTCATGGGGGACAGTCTCCAGGAGCTT
 TGTGTTGGGCTCCCCTACATCCAAAAGCTCAAAGACTTGTCAAAGGTGTGCCGTCCC
 CCCATTGCCACTGACCTCCACAACCTGGTCTGACAGGCCAATAAAAAACTCTTTCTTTT
 TAGGCCTCTTGCAGGAAAGGAATTCCTGTTCTTGTGCGTTGATAACCACCAGGGGAG
 CCCCCTTGGCCGCTGTTTTTAACTTCCCCCCTGAAACGGTCTCCCCAAATAAAAA
 CCCCTCGCTGCTTCGCAAATCTCCCCATCCTCATTGGAACACCCCCCTGGCCCTGATCC
 TTATGATCACACAATTCCTCACGGGTGTTCCCGTCCGACCCCCCATATTACACCCCC
 TAGCTTTTCCCCCGCCCTTTCCCCTCTTTTTCCCCCGCCTTCTTTTGGAAATA
 ATTTCCGATAAATCCCCCCTACGTTGTCCCCCTCACACTTCCCAACCCCCCATTGGCC
 GCCACACAAAACTCACCCCCACCCGTATTTTCTCACCATATCTCCTCTCTCGCG
 TTTTCCCTTTCCCGTATTTCCATATTCCTTTCCCTCCTCATCTTATCACGCCCCCGT
 ATTATTCGCCCGTCCCCCTTTTCTTACCATCCCTCGTTTTCAGCAATTCTGCGCATTCTC
 GTGCCGCACCCCTCGCAACACTTCTCGCTCCTTATCGCCATTGTACCCCTCTCTTGCG

Restriction Sites: NotI-NotI

ACCN: NM_014358

Insert Size: 3170 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_014358.1 , NP_055173.1
RefSeq Size:	2158 bp
RefSeq ORF:	660 bp
Locus ID:	26253
UniProt ID:	Q9ULY5
Cytogenetics:	12p13.31
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 signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein is a downstream target of CCAAT/enhancer binding protein (C/EBP), beta (CEBPB) and may play a role in inflammation. Alternative splice variants have been described but their full-length sequence has not been determined. 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]</p>