

Product datasheet for **SC101279**

CLEC14A (NM_175060) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC14A (NM_175060) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC14A
Synonyms:	C14orf27; CEG1; EGFR-5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC101279 sequence for NM_175060 edited (data generated by NextGen Sequencing)

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ATGAGGCCGGCGTTGCGCCTGTGCCTCCTCTGGCAGGCGCTCTGGCCCGGGCCGGGCGGC
GGCGAACACCCCACTGCCGACCGTGTGGCTGCTCGGCCCTCGGGGGCCTGCTACAGCCTG
CACCACGCTACCATGAAGCGGCAGGCGGCCGAGGAGCCCTGCATCCTGCGAGGTGGGGCG
CTCAGCACCGTGGTGGCGGGCCGAGCTGCGCGCTGTGCTCGCGCTCCTGCGGGCAGGC
CCAGGGCCCGGAGGGGGCTCCAAAGACCTGCTGTTCTGGGTGCGACTGGAGCGCAGGCGT
TCCCCTGCAACCTGGAGAACGAGCCTTTGCGGGTTTCTCCTGGCTGTCTCCGACCCC
GGCGGTCTCGAAAGCGACACGCTGCAAGTGGGTGGAGGAGCCCAACGCTCCTGCACCGCG
CGGAGATGCGCGTACTCCAGGCCACCGGTGGGTGAGCCCGCAGGCTGGAAGGAGATG
CGATGCCACCTGCGCGCCAACGGCTACCTGTGCAAGTACCAGTTTGGGTCTTGTGCTCT
GCGCCGCGCCCGGGGCCCTCTAACTGAGCTATCGCGCGCCCTTCCAGCTGCACAGC
GCCGCTCTGGACTTCACTCCACCTGGGACCGAGGTGAGTGGCTCTGCCGGGACAGCTC
CCGATCTCAGTTACTTGCATCGCGGACGAAATCGCGCTCGTGGGACAACTCTCGGGC
GATGTGTTGTGCTCCTGCCCGGGAGGTACCTCCGTGCTGGCAAATGCGCAGAGTCCCT
AACTGCCTAGACGACTTGGGAGGCTTTCCTGCGAATGTGCTACGGGCTTCGAGCTGGGG
AAGGACGGCCGCTTGTGTGACCAAGTGGGGAAGGACAGCCGACCTTGGGGGACCGGG
GTGCCACCGAGCGCCCGGGCCACTGCAACCAGCCCGTGGCCGAGAGAACATGGCCA
ATCAGGGTCGACGAGAAGCTGGGAGAGACCACTTGTCCCTGAACAAGACAATTCAGTA
ACATCTATTCTGAGATTCTCGATGGGATCACAGAGCACGATGCTACCCTTCAAATG
TCCCTTCAAGCCGAGTCAAAGGCCACTATCAGCCATCAGGGAGCGTGATTTCAAAGTTT
AATTCTACGACTTCTCTGCCACTCCTCAGGCTTTCGACTCCTCCTCTGCCGTGGTCTTC
ATATTTGTGACACAGCAGTAGTAGTGTGGTGATCTTGACCATGACAGTACTGGGGCTT
GTCAAAGCTCTGCTTTCAGGAAAGCCCTTCCAGCCAAGGAAGGAGTCTATGGGCCCG
CCGGCCCTGGAGAGTGATCCTGAGCCCGTCTTTGGGCTCCAGTTCTGCACATTGCACA
AACAAATGGGGTGAAGTGGGGACTGTGATCTGCGGGACAGAGCAGAGGGTGCCTTGCTG
GCGGAGTCCCCTTGGCTCTAGTGATGCATAG
    
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Clone variation with respect to NM_175060.1

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_175060 unedited

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CCCATTACCCGCCCCTTACGCAATGGGCGGTAGGCGTGTCCGGTGGGAGGTCTATATA
AGCAGAGCTCATTTAGGTGACACTATAGAATAACAAGCTACTTGTCTTTTTGCAGCGGC
GCGAATTCCGGCACGAGGGTCTCGAGCGGGACAGATCTAAGTTGGGAGCAGCTCTGCGTG
CGGGCCCTCAGAGAAATGAGGCCGGCTTCGCCCTGTGCCCTCCTCTGGCAGGCGCTCTGGC
CCGGCCCGGGCGGGCGCAACACCCCACTGCCGACCGTGTGGTGTCTCGGCCTCGGGGG
CCTGCTACAGCCTGCACCACGCTACCATGAAGCGGCAGGCGGCCGAGGAGCCTGCATCC
TGCAGGTGGGGCGCTCAGCACCGTGCCTGCGGGCGCCGAGCTGCGCGCTGTGCTCGCGC
TCTGCGGGCAGGCCAGGGCCCGAGGGGGCTCCAAAGACCTGCTGTTCTGGGTGCGAC
TGGAGCGCAGGCGTTCCCACTGCACCCTGGAGAACGAGCCTTTGCGGGTTTCTCCTGGC
TGTCTCCGACCCCGGGTCTCGAAAGCGACACGCTGCAAGTGGGTGGAGGAGCCCAAC
GCTCCTGCACCGCGGAGATGCGCGTACTCCAGGCCACCGTGGGTGAGCCCGCAG
GCTGNGAGGAGATGCGATGCCACCTGCGCGCCAACGGCTACCTGTGCTAGTACCAGTTT
AGGTCTTGTGCTCTGCGCCGCGCCCGGGGCCCTCTAACTTGGCTATCGCGCGCTCT
TCCAGCTGCACAGCGCCCTCTGGACTACAGTCCACCTGGGACCGAGGTGAGTGCCTCT
GCCGGGGACAGCTNCCGATCTCAGATACTTGCATCGCGGACGAAATCGCGCTCGTGGGA
CAACTCTCGGCCGAAGNATGGGTCCCTGCCCG
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_175060

Insert Size:

2000 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_175060.1 , NP_778230.1
RefSeq Size:	2256 bp
RefSeq ORF:	1473 bp
Locus ID:	161198
UniProt ID:	Q86T13
Cytogenetics:	14q21.1
Protein Families:	Transmembrane
Gene Summary:	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. This family member plays a role in cell-cell adhesion and angiogenesis. It functions in filopodia formation, cell migration and tube formation. Due to its presence at higher levels in tumor endothelium than in normal tissue endothelium, it is considered to be a candidate for tumor vascular targeting. [provided by RefSeq, Jan 2012]