

Product datasheet for **SC324279**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_175060.1
 GCAGCTCTGCGTGCAGGGCCCTCAGAGAATGAGGCCGGCGTTTCGCCCTGTGCCTCCTCTGG
 CAGGCGCTCTGGCCCGGGCCGGGCGGGCGGAACACCCCACTGCCGACCGTGTGGCTGC
 TCGGCCTCGGGGGCTGCTACAGCTGCACCACGCTACCATGAAGCGGCAGGCGGGCCGAG
 GAGGCCTGCATCCTGCGAGGTGGGGCGCTCAGCACCGTGCCTGCGGGCGCCGAGCTGCGC
 GCTGTGCTCGCGCTCCTGCGGGCAGGCCAGGGCCGGAGGGGGCTCCAAAGACCTGCTG
 TTCTGGGTGCGCACTGGAGCGCAGGCGTTCACCTGCACCCTGGAGAACGAGCCTTTGCGG
 GGTTTCTCCTGGCTGTCTCCGACCCCGCGGTCTCGAAAGCGACACGCTGCAGTGGGTG
 GAGGAGCCCAACGCTCCTGCACCGCGGAGATGCGCGTACTCCAGGCCACCGGTGGG
 GTCGAGCCCGCAGGCTGGAAGGAGATGCGATGCCACCTGCGCGCAACGCTACCTGTGC
 AAGTACCAGTTTGTGCTTGTGCTCCTGCGCCGCGCCCGGGCCGCTCTAACTTGAGC
 TATCGCGCCCTTCCAGCTGCACAGCGCGCTCTGGACTTCACTCCACCTGGGACCGAG
 GTGAGTGCCTCTGCCGGGACAGCTCCCGATCTCAGTTACTTGCATCGCGGACGAAATC
 GGCCTCGCTGGACAACTCTCGGGCGATGTGTTGTGCTCCTGCCCGGGAGGTACCTC
 CGTGCTGGCAAAATGCGCAGAGCTCCCTAACTGCCTAGACGACTTGGGAGGCTTTGCTGC
 GAATGTGTACGGGCTTCGAGCTGGGAAAGGACGCGCCGCTTGTGTGACCAAGTGGGAA
 GGACAGCCGACCTTGGGGGACCGGGGTGCCACCAGGCGCCCGCCGGCACTGCAACC
 AGCCCCGTGCCGAGAGAATGGCCAATCAGGGTCGACGAGAAGCTGGGAGAGACCA
 CTTGTCCCTGAACAAGACAATTCAGTAACATCTATTCTGAGATTCCTCGATGGGGATCA
 CAGAGCACGATGTCTACCTTCAAATGTCCCTCAAGCCGAGTCAAAGGCCACTATCACC
 CCATCAGGGAGCGTGATTTCAAAGTTAATTCTACGACTTCTCTGCCACTCCTCAGGCT
 TTCGACTCCTCCTGCGGTGGTCTTCATATTTGTGAGCACAGCAGTAGTAGTGTGGTG
 ATCTTGACCATGACAGTACTGGGCTTGTCAAGCTCTGCTTTCAGGAAAGCCCTTTCC
 CAGCCAAGGAAGGAGTCTATGGGCCCGCGGGCCTGGAGAGTGATCCTGAGCCCGCTGCT
 TTGGGCTCCAGTTCTGCACATTGCACAAACAATGGGGTGAAGTCGGGGACTGTGATCTG
 CGGGACAGAGCAGAGGGTGCCTTGTGCGGAGTCCCCTCTTGGCTCTAGTGATGCATAG
 GGAAACAGGGGACATGGGCACTCCTGTGAACAGTTTTTCACTTTTGTGAAACGGGGAAC
 CAAGAGGAACTTACTTGTGTAAGTACAATTTCTGCAGAAATCCCTTCTCTAAATTC
 CCTTTACTCCACTGAGGAGCTAAATCAGAACTGCACACTCCTTCCCTGATGATAGAGGAA
 GTGGAAGTGCCTTATAGGATGGTGATACTGGGGACCGGGTAGTGCTGGGAGAGATTTT
 TCTTATGTTTATTCGGAGAATTTGGAGAAGTATTGAATTTTCAAGACATTGGAACAA
 ATAGAACAATAATAATTTACATTAATAATAATTTCTACCAAAATGGAAGGAAATGTT
 CTATGTTGTTTTCAGGCTAGGAGTATATTGTTTCAAATCCAGGGAAAAAATAAAAAATA
 AAAATTAAGGATTGTTGATAA
 AA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_175060

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.

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:

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]