

Product datasheet for **SC324201**

CLEC10A (NM_182906) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC10A (NM_182906) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC10A
Synonyms:	CD301; CLECSF13; CLECSF14; HML; HML2; MGL
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_182906.2
 GGAGATGGGATGTCCCAGATGATAGGGCTCCTGGGATTTTCAGACCCAAGACCAGCAGGAC
 TCCAGTCACTCTACCCAGCTCTCCAGGACACAGCGCTCCCAACTCTGAGTGACGTCCC
 ACCTCTGGTCCTTGCAGCACAACCAACGTGGGAATCACACCTCCAGACCTCCCACAGCT
 CCACCCAGACTGGGCGCCGGCCCTGCCTCCATTTTCAGCTGTGACAACCTCAGAGCCGTG
 TTGGCCCAAGCATGACAAGGACGTATGAAAACCTCCAGTACTTGGAGAATAAGGTGAAAG
 TCCAGGGGTTTAAAAATGGGCCACTTCTCCAGTCCCTCCTGCAGCGTCTCTGCTCTG
 GGCCCTGCCATCTCCTGCTGTCCCTGGGCTCGGCCTCCTGCTGCTGATCATCTGTG
 TGGTTGGATTCCAAAATTCAAAATTTTCAGAGGGACCTGGTGACCCTGAGAACAGATTTTA
 GCAACTTCACCTCAAACACTGTGGCGGAGATCCAGGCACTGACTTCCCAGGGCAGCAGCT
 TGAAGA AACGATAGCATCTCTGAAAGCTGAGGTGGAGGGTTTCAAGCAGGAACGGCAGG
 CAGGGGTATCTGAGCTCCAGGAACACACTACGCAGAAGGCACACCTAGGCCACTGTCCC
 ACTGCCATCTGTGTGTGCCAGTTCATTCTGAAATGCTCCTGCGAGTCCAGCAGCTGG
 TGCAAGACCTGAAGAACTGACCTGCCAGGTGGCTACTCTCAACAACAATGCCTCCACTG
 AAGGGACCTGCTGCCCTGTCAACTGGGTGGAGCACCAAGACAGCTGCTACTGGTTCTCTC
 ACTCTGGGATGTCTGGGCCGAGGCTGAGAAGTACTGCCAGCTGAAGAACGCCACCTGG
 TGGTCATCAACTCCAGGGAGGAGCAGAATTTTGTCCAGAAATATCTGGGCTCCGCATACA
 CCTGGATGGGCCCTCAGTGACCCTGAAGGAGCCTGGAAGTGGGTGGATGGAACAGACTATG
 CGACCGGCTTCCAGAACTGGAAGCCAGGCCAGCCAGCAGACTGGCAGGGGCACGGGCTGG
 GTGGAGGCGAGGACTGTGCTCACTTCCATCCAGACGGCAGGTGGAATGACGACGTCTGCC
 AGAGGCCCTACCACTGGGTCTGCGAGGCTGGCCTGGGTGAGCCAGCCAGGAGAGTCACT
 GAGTGCCTTTGGTGGGACCACCCGGCCACAGAAATGGCGGTGGGAGGAGACTTCTC
 ACGACCTCTCGCAAGACCGCTCTGGGAGAGAAATAAGCACTGGGAGATTGGAAGCACTG
 CTAACATTTTGAATTTTTTCTCTTTAATTTTAAAAAGATGGTATAGTGTCTTAAGCTT
 TTAATTTTTTTTCCAATTTTAAAAGTCAACTTCATGAAGGTATAATTTTTACATAATAAA
 AATGCACTCATTTAAAGAGTAGAGATGACTTTGACAAATATGCATGCCTAGGTGACTACC
 ACTCCGATCACAATAGATAACATTGCCATCGCCCCCACCAGTCCCCTCATGCCTCTGGGC
 AGTCCAACCACTTCCCTGTTTCCAGGCCAGTGATCTACTTCTTTTTCACTATTTATTGGC
 CTTGCCTCTTCTAGAGCTTCTAGAACTTCATATAAGTAAAATCATACACTCTCGTGATA
 TACTTCATATAAGTGAATATATACTCTCGTGAGAACTTAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_182906

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_182906.2](#), [NP_878910.1](#)

RefSeq Size: 1788 bp

RefSeq ORF: 951 bp

Locus ID: 10462

UniProt ID: [Q8IUN9](#)

Cytogenetics: 17p13.1

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. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).