

Product datasheet for SC308505

CLEC17A (NM_207390) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Tag: Tag Free
Symbol: CLEC17A
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PSI00001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC308505 representing NM_207390.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCATAATCTGTATTCCATCACTGGGTACCCGGACCCACCAGGGACCATGGAGGAGGAGGAGGAGGAT
GATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCTCCCAAGCCAGGGACCATGGAGGAGGAG
GAGGAGGATGATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCTCCCAAGCCAGGGACCATG
GAGGAGGAGGAGGAGGATGATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCTCCCAAGCCA
GGTTCAAGTGCTCCACCAAGACCTCCAAGGGCAGCAAGGAAACAGAGAAACCCCACTTCCTTGAAG
CCCCGGAACATGACAGGCTGGACCTCGCCGCTGTACCTGTCCACCTCCTCACTGGCTGTGAATCTT
GAGCCTTCTCCATTGCAGCCATCCCTGGCCGCAACTCCAGTCCCTGGCTCAATCAGAGGTCTGGAGGT
CCTGGCTGCTGCCAGAAGAGGTGGATGGTGTACCTGTGTCTGCTGGTGGTGACTTCCCTGTTCTGGGC
TGCTTGGTCTCACTGTGACCCTGATTAAGTACCAGGAGTTGATGGAAGAACTGAGAATGTTAAGCTTT
CAGCAGATGACGTGGCAACAAATATGACTGGCATGGCAGGGCTAGCTGGCTGAAGCATGACATTGCC
CGTGTAAGAGCTGACCAACCAAGTCCCTGGTGAACCTTGGGGCTATTAGACTGCCGCCGAATTACC
TGTCTGAAGGCTGGCTGCCCTTTGAGGGCAAGTGTTACTACTTCTCCCAAGCACAAGTCATGGGAT
GAGGCCCGGATGTTCTGCCAGGAGAATTACTCTCACTTGGTCATCATCAATAGCTTTGCTGAGCACCTT
CTGGGAGCCAGAGGAACCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI
ACCN: NM_207390
Insert Size: 921 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.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_207390.3</u>
RefSeq Size:	2052 bp
RefSeq ORF:	921 bp
Locus ID:	388512
UniProt ID:	<u>Q6ZS10</u>
Cytogenetics:	19p13.12
Protein Families:	Transmembrane
MW:	34.4 kDa

Gene Summary:

Cell surface receptor which may be involved in carbohydrate-mediated communication between cells in the germinal center. Binds glycans with terminal alpha-linked mannose or fucose residues.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an alternate exon that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.