

Product datasheet for **SC303774**

COLEC10 (NM_006438) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: COLEC10 (NM_006438) Human Untagged Clone
Tag: Tag Free
Symbol: COLEC10
Synonyms: 3MC3; CL-10; CL-34; CLL1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006438 edited
 TTTGGCATTCTGGGAGACCCTTTCTGAGGAACCACAGCAATGAATGGCTTTGCATCCT
 TGCTTCGAAGAAACCAATTTATCCTCCTGGTACTATTTCTTTGCAAATTCAGAGTCTGG
 GCTGGATATTGATAGCGTCTACCGCTGAAGTCTGTGCCACACACACAATTTACCAG
 GACCCAAAGGAGATGATGGTGAAAAAGGAGATCCAGGAGAAGAGGAAAGCATGGCAAAG
 TGGGACGCATGGGGCCGAAAGGAATTAAGGAGAAGTGGGTGATATGGGAGATCAGGGCA
 ATATTGGCAAGACTGGGCCATTGGGAAGAAGGGTGACAAAGGGGAAAAAGGTTTGCTTG
 GAATACCTGGAGAAAAAGGCAAAGCAGGTACTGTCTGTGATTGTGGAAGATACCGGAAAT
 TTGTTGGACAACGGATATTAGTATTGCTCGGCTCAAGACATCTATGAAGTTTGCAAGA
 ATGTGATAGCAGGGATTAGGAAACTGAAGAGAAATCTACTACATCGTGCAGGAAGAGA
 AGAACTACAGGGAATCCCTAACCCTACTGCAGGATTCGGGGTGGAAATGCTAGCCATGCCA
 AGGATGAAGCTGCCAACACACTCATCGTACTATGTTGCCAAGAGTGGCTTCTTTCCGGG
 TGTTTCATTGGCGTGAATGACCTTGAAAGGGAGGGACAGTACATGTTCCACAGACAACACTC
 CACTGCAGAACTATAGCAACTGGAATGAGGGGGAACCCAGCGACCCCTATGGTCAATGAGG
 ACTGTGTGGAGATGCTGAGCTCTGGCAGATGGAATGACACAGAGTGCCATCTTACCATGT
 ACTTTGTCTGTGAGTTCATCAAGAAGAAAAAGTAACTCCCTCATCCTACGTATTTGCTA
 TTTTCTGTGACCGTCATTACAGTTATTGTTATCCATCCTTTTTTCTGATTGTACTAC
 ATTTGATCTGAGTCAACATAGCTAGAAAATGCTAAACTGAGGTATGGAGCCTCCATCATC
 ATGCTCTTTTGTGATGATTTTCATATTTTCACACATGGTATATTATTGACCCAATAACT
 GCCAGGTTACATGGGTCTTGAGAGAGAATTTAATTACTAATTGTGCACGAGATAGTTGG
 TTGCTATATGTCAAATGAGTTGTTCTCTTGGTATTTGCTCTACCATCTCTCCCTAGAGC
 ACTCTGTGTCTATCCCAGTGGATAATTTCCAGTTTACTGGTGATGATTAGGAAGTTGTG
 TATGG

Restriction Sites: Please inquire
ACCN: NM_006438



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Insert Size:	1300 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_006438.2.
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_006438.2 , NP_006429.1
RefSeq Size:	1686 bp
RefSeq ORF:	834 bp
Locus ID:	10584
UniProt ID:	Q9Y6Z7
Cytogenetics:	8q24.12
Gene Summary:	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. This gene product is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins. [provided by RefSeq, Jul 2008]