

Product datasheet for **SC217029**

CD46 (NM_172350) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD46 (NM_172350) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD46
Synonyms:	AHUS2; MCP; MIC10; TLX; TRA2.10
ACCN:	NM_172350
Insert Size:	1939 bp



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Insert Sequence: >SC217029 3'UTR clone of NM_172350
 The sequence shown below is from the reference sequence of NM_172350. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACTCCAGCAGAGCAGAGAGGCTGAATAGATTCCACAACCTGGTTTGCCAGTTCATCTTTTACTCTA
TTAAAATCTTCAATAGTTGTTATTCTGTAGTTTACTCTCATGAGTGCAACTGTGGCTTAGCTAATATT
GCAATGTGGCTTGAATGTAGGTAGCATCCTTTGATGCTTCTTTGAACTTGTATGAATTTGGGTATGAA
CAGATTGCCTGCTTCCCTTAAATAACACTTAGATTTATTGGACCAGTCAGCACAGCATGCCTGGTTGT
ATTAAAGCAGGGATAGCTGTATTTTATAAAATGGCAAAATTAGAGAAATATAGTTCACAATGAAATT
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ATTCTTTACCAACTATAGAATGTATTTTATATATCGTTCATTGTAAGGACCCCTTAAAAATATGTGTA
TACTACTTTGGCTCTTGTGCATAAAAACAAGAACTGAAAATTGGGAATATGCACAACTTGGCTTCT
TTAACCAAGAATATTATTGGAAAATTCTCTAAAAGTTAATAGGGTAAATCTCTATTTTTTGTAAATGTG
TTCGGTGATTTTCAGAAAGCTAGAAAAGTGTATGTGTGGCATTGTTTTTCACTTTTTAAAACATCCCTAAC
TGATCGAATATATCAGTAATTTCAGAATCAGATGCATCCTTTCATAAGAAGTGAGAGGACTCTGACAGC
CATAACAGGAGTGCCACTTCATGGTGCGAAGTGAACACTGTAGTCTTGTGTTTTCCCAAAGAGAAGCTC
CGTATGTTCTCTTAGGTTGAGTAACCCACTCTGAATCTGGTTACATGTGTTTTTCTCCTCCTCTTAA
ATAAAGAGAGGGGTTAAACATGCCCTCTAAAAGTAGGTGGTTTTGAAGAGAATAAATTCATCAGATAAC
CTCAAGTCACATGAGAATCTTAGTCCATTTACATTGCCTTGGCTAGTAAAAGCCATCTATGTATATGTC
TTACCTCATCTCTAAAAGGCAGAGTACAAAGTAAGCCATGTATCTCAGGAAGGTAACCTCATTGTTGTC
TATTTGCTGTTGATTGTACCAAGGGATGGAAGAAGTAAATATAGCTCAGGTAGCACTTTTATACTCAGGC
AGATCTCAGCCCTCTACTGAGTCCCTTAGCCAAGCAGTTTCTTTCAAAGAAGCCAGCAGGCGAAAAGCA
GGGACTGCCACTGCATTTTATATCACACTGTTAAAAGTTGTGTTTTGAAATTTTATGTTAGTTGCACA
AATTGGGCAAAGAAACATTGCCTTGAGGAAGATATGATTGAAAATCAAGAGTGTAGAAGAATAAATA
CTGTTTTACTGTCAAAGACATGTTTATAGTGTCTGTAAATGTTCTTTCTTTGTAGTCTCTGGCAA
GATGCTTTAGGAAGATAAAAAGTTTGAGGAGAACAACAGGAATCTGAATTAAGCACAGAGTTGAAGTT
TATACCGTTTCACATGCTTTTCAAGAATGTCGAATTAAGCAAGCAGATAATGGTGTTTTTTAGAA
ACCTAATTGAAGTATATTCAACCAAACTTTAATGTATAAAATAAATATTATACAACTACTTGTATA
GCAGTTTCTGCTTACATTTTATTTTTTCAAATTAATATTTATATTAGAGATCTATATATGTATAAAT
ATGATTTTTGTCAAATTTGTTACTTAAATATATAGAGACCAGTTTTCTCTGGAAGTTTGTAAATGAC
AGAAGCGTATATGAATTCAGAAAATTTAAGCTGCAAAAATGTATTTGTATAAAAATGAGAAGTCTCAC
TGATAGAGGTTCTTTATTGCTCATTTTTTAAAAAATGGACTCTTGAAATCTGTTAAAATAAAATTTGAC
ATTTGGA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_172350.3](#)

Summary:

The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic Neisseria. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. Mutations at this locus have been associated with susceptibility to hemolytic uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2010]

Locus ID:

4179

MW:

74.9