

## Product datasheet for **SC217047**

### CD46 (NM\_172360) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CD46 (NM_172360) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD46
Synonyms:	AHUS2; MCP; MGC26544; MIC10; TLX; TRA2.10
ACCN:	NM_172360
Insert Size:	1952 bp



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**Insert Sequence:**

>SC217047 3'UTR clone of NM\_172360

The sequence shown below is from the reference sequence of NM\_172360. 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
TCAACCACTCCAGCAGAGCAGAGAGGC TGAATAGATTCCACAACCTGGTTTGCCAGTTCATCTTTTGAC
TCTATTAATACTTCAATAGTTGTTATTCTGTAGTTTCACTCTCATGAGTGCAACTGTGGCTTAGCTAA
TATTGCAATGTGGCTTGAATGTAGGTAGCATCCTTTGATGCTTCTTTGAAACTTGTATGAATTTGGGTA
TGAACAGATTGCCTGCTTCCCTTAAATAACACTTAGATTTATTGGACCAGTCAGCACAGCATGCCTGG
TTGTATTAAGCAGGGATATGCTGTATTTATAAAATTGGCAAAATTAGAGAAATATAGTTCACAATGA
AATTATATTTCTTTGAAAGAAAGTGGCTTGAATCTTTTTTTGTTCAAAGATTAATGCCAACTCTTAA
GATTATCTTTCCACCACTATAGAATGTATTTATATATCGTTCATTGTAAGAAAGCCCTTAAAAATATG
TGTATACTACTTTGGCTCTTGTGCATAAAAACAAGAAGCACTGAAAATTGGGAATATGCACAACTGGC
TCTTTAAACCAAGAATATTATTGAAAATTCTCTAAAAGTTAATAGGGTAAATCTCTATTTTTTTGTAA
TGTGTTCCGGTGATTTAGAAAAGCTAGAAAAGTGTATGTGTGGCATTGTTTTCACTTTTTAAACATCCC
TAACTGATCGAATATATCAGTAATTTTCAAGAACAGATGCATCCTTTCATAAGAAGTGAGAGGACTCTGA
CAGCCATAACAGGAGTGCCTCATGGTGCAGAGTGAACACTGTAGTCTTGTGTTTTCCCAAAGAGA
ACTCCGTATGTTCTTAGGTTGAGTAACCCACTCTGAATCTGGTTACATGTGTTTTCTCTCCCTCC
TTAAATAAAGAGAGGGGTTAAACATGCCCTCTAAAAGTAGGTGGTTTTGAAGAGAATAAATTCATCAGA
TAACTCAAGTCACATGAGAATCTTAGTCCATTTACATTGCCTTGGCTAGTAAAAGCCATCTATGTATA
TGTCTTACCTCATCTCTAAAAGCAGAGTACAAAGTAAGCCATGTATCTCAGGAAGGTAACCTTCAATTT
TGTCATTTGCTGTTGATTGTACCAAGGGATGGAAGAAGTAAATATAGCTCAGGTAGCACTTTATACTC
AGGCAGATCTCAGCCCTCTACTGAGTCCCTTAGCCAAGCAGTTTCTTTCAAAGAAGCCAGCAGGGGAAA
AGCAGGGACTGCCACTGCATTTCAATCACACTGTTAAAAGTTGTGTTTTGAAATTTTATGTTTAGTTG
CACAAATTGGGCCAAAGAAACATTGCCCTTGAAGAGATATGATTGGAAAATCAAGAGTGTAGAAGAATA
AATACTGTTTTACTGTCCAAAGACATGTTTATAGTCTCTGTAATGTTCTTTCTTTGTTAGTCTCTG
GCAAGATGCTTTAGGAAGATAAAAGTTTGAAGGAGAACAAACAGGAATTCTGAATTAAGCACAGAGTTGA
AGTTTATACCCGTTTACATGCTTTTCAAGAATGTCGCAATTAAGAAGCAGATAATGGTGTTTTTT
AGAAACCTAATTGAAGTATATCAACCAATACTTTAATGTATAAAATAAATATTATACAATATACTTG
TATAGCAGTTTCTGCTTACATTTGATTTTTTCAAATTTAATATTATATTAGAGATCTATATATGTAT
AAATATGTATTTGTCAAATTTGTTACTTAAATATATAGAGACCAGTTTTCTCTGGAAAGTTGTTTAAA
TGACAGAAGCGTATATGAATTAAGAAAATTAAGCTGCAAAAATGTATTTGCTATAAAAATGAGAAGTC
TCACTGATAGAGGTTCTTTATTGCTCATTTTTTAAAAAATGGACTCTTGAATCTGTTAAAAATAAATTT
GTACATTTGGAGATGTTTCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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**Restriction Sites:**

Sgfl-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\_172360.1

**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:**

76.6