

Product datasheet for **SC214316**

Complement C7 (C7) (NM_000587) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Complement C7 (C7) (NM_000587) Human 3' UTR Clone
Symbol:	Complement C7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000587
Insert Size:	2000 bp



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Insert Sequence:

>SC214316 3'UTR clone of NM_000587

The sequence shown below is from the reference sequence of NM_000587. 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
ATAAGGCCTTGTGCTGCGGAAACCCAGTAGGCTCCTGGAGGCCCTGGTCAGCTTGCTTGGAAATCCAGCA
GGCAGCTGGGGCTGAGTAAAAACATCTGCACAACCTGGGCACTGGACAGCTTTTCTTCTTCTCCAGTGT
CTACCTTCTCCTCAACTCCCAGCCATCTGTATAAACACAATCCTTTGTTCTCCCAAATCTGAATCGAA
TACTCTTTTGCCTCCTTTTAAATGTCAGTAAGGATATGAGCCTTTGCACAGGCTGGCTGCGTGTCTT
GAAATAGTGTTACCTTCTGCGCCTTGGTTTTTAAATCTGTAAAATTAGAGGATTGCACTAGAGA
AACTTGAATGCTCCATTCAGGCCTATCATTTTATTAAGTATGATTGACACAGCCCATGGCCAGAACAC
ACTCTACAAAATGACTAGGATAACAGAAAACGTGATCTCCTGATTAGAGAGGGTGGTTTTCTCAAT
GGAACCAATATAAAGAGGACTTGAACAAAATGACAGATACAACTATTTCTATCCTGAGTAGTAATC
TCACACTTCATCCTATAGAGTCAACCACCACAGATAGGAATTCCTTATTCTTTTTTAATTTTTTAAAG
ACAGAGTCTCACTTTGTTGCCAGGCTGGAGCGCAGTGGGGTGATCTCATCTCCCTGCAACCTCCGCT
CCTGGGTTCAAGCGATTCTGTGCCTCAGCTTCCAAGCAGCTGGGATTACAGGTGCCCGCCACCACGC
CCAGCTAATTTTTGCATTTTTAGTAGAGATGGGGTTTACCATGTTGGCCAGCTCGTCTCCAACCTCT
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CAGACATTGCAACTGCATTTGTTAGCGTTATTACAGAGTTAATTTCTACCCTGGATGGGAGGACACAT
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TACCTCAGTATCCTTCAATAATTTCTCCTCTTAGCTTAAAGCTAGTATGGAGTTAGATTCTACCGCTT
ATGTATACCATGCCCTTCTAAATAATACAGAGGATATGGTCAGCATTATCACATATCATCAGAGA
TTGAGGTTTGAAGAAAGGAAATGAGTAGATGTAATAAGAGGTTTGAAGAAAGGAAATTCAGCAGAGTT
ATTGAAGGAGAAGTCAAGGAGAGGAGAAGGAGAGGAGCAGTGAATGTTGTCGTGAAGAGGTGTTGTCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000587.4](#)

Summary:

This gene encodes a serum glycoprotein that forms a membrane attack complex together with complement components C5b, C6, C8, and C9 as part of the terminal complement pathway of the innate immune system. The protein encoded by this gene contains a cholesterol-dependent cytolysin/membrane attack complex/perforin-like (CDC/MACPF) domain and belongs to a large family of structurally related molecules that form pores involved in host immunity and bacterial pathogenesis. This protein initiates membrane attack complex formation by binding the C5b-C6 subcomplex and inserts into the phospholipid bilayer, serving as a membrane anchor. Mutations in this gene are associated with a rare disorder called C7 deficiency. [provided by RefSeq, Nov 2016]

Locus ID:

730

MW:

76.2