

Product datasheet for **SC202395**

Complement factor 8 beta (C8B) (NM_000066) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Complement factor 8 beta (C8B) (NM_000066) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	C8B
Synonyms:	C82
ACCN:	NM_000066
Insert Size:	227 bp
Insert Sequence:	>SC202395 3'UTR clone of NM_000066 The sequence shown below is from the reference sequence of NM_000066. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTGCTTCAGAAACTTGACTGCTCCTAGCAGATGATACAGCAGTGGGCTACATACAATGAGAGCCCT GAGCCCTCAAGAACTCATGCCAGCTCAGCCCTACACCAGTTTCCACCTGGAGTTCATGCAAGGGCAAAA GGCAGTGCCATGCAAGCTGTTTAAATAAAGATGTTACCTTGATAAATGCAAGTTGATTTAATAAATA CTGAGTTAAAGGCTTAAGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_000066.4</u>



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Summary:

This gene encodes one of the three subunits of the complement component 8 (C8) protein. C8 is composed of equimolar amounts of alpha, beta and gamma subunits, which are encoded by three separate genes. C8 is one component of the membrane attack complex, which mediates cell lysis, and it initiates membrane penetration of the complex. This protein mediates the interaction of C8 with the C5b-7 membrane attack complex precursor. In humans deficiency of this protein is associated with increased risk of meningococcal infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Locus ID:

732

MW:

8.3