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Product datasheet for SC205200

Factor D (CFD) (NM_001928) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Factor D (CFD) (NM_001928) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CFD
Synonyms:	ADIPSIN; ADN; DF; PFD
ACCN:	NM_001928
Insert Size:	381 bp
Insert Sequence:	>SC205200 3' UTR clone of NM_001928 The sequence shown below is from the reference sequence of NM_001928. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC CTGGATCGACAGCGTCCTGGCC**TAG**GGTGCCGGGGCCTGAAGGTCAGGGTCACCCAAGCAACAAAGTCCC GAGCAATGAAGTCATCCACTCCTGCATCTGGTTGGTCTTTATTGAGCACCTACTATATGCAGAAGGGGAG GCCGAGGTGGGAGGATCATTGGATCTCAGGAGTTCGAGATCAGCATGGGCCACGTAGCGCGACTCCATCT CTACAAATAAATAAAAAATTAGCTGGGCAATTGGCGGGCATGGAGGTGGGTGCTTGTAGTTCCAGCTACT CAGGAGGCTGAGGTGGGAGGATGACTTGAACGCAGGAGGCTGAGGCTGCAGTGAGTTGTGATTGCACCAC TGCCCTCCAGCCTGGGCAACAGAGTGAAACC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
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_001928.2

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Summary: This gene encodes a member of the S1, or chymotrypsin, family of serine peptidases. This protease catalyzes the cleavage of factor B, the rate-limiting step of the alternative pathway of complement activation. This protein also functions as an adipokine, a cell signaling protein secreted by adipocytes, which regulates insulin secretion in mice. Mutations in this gene underlie complement factor D deficiency, which is associated with recurrent bacterial meningitis infections in human patients. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature protease. [provided by RefSeq, Nov 2015]

Locus ID: 1675