

Product datasheet for **SC203524**

CD36 (NM_000072) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD36 (NM_000072) Human 3' UTR Clone
Symbol:	CD36
Synonyms:	BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000072
Insert Size:	305 bp
Insert Sequence:	>SC203524 3'UTR clone of NM_000072 The sequence shown below is from the reference sequence of NM_000072. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TGTGCATGCAGATCGAAAACAATAAAA TA AGTAAGTATGTACCAAAAAATATTGCTTCAATAATATTAG CTTATATATTACTTGTTCCTTTATCAAAGAGAAGTTACATATTAGGCCATATATATTCTAGACAT GTCTAGCCACTGATCATTTTTAAATATAGGTAATAAACCTATAAATATTATCACGCAGATCACTAAAG TATATCTTTAATTCTGGGAGAAATGAGATAAAAGATGTACTTGTGACCATTGTAACAATAGCACAAATA AAGCACTTGTGCCAAAGTTGTCCAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_000072.3</u>



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Summary:

The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2014]

Locus ID:

948

MW:

12