

Active Recombinant Human CD36 protein, His-Avi-tagged, Biotinylated

Cat. No. CD36-3077H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD36 protein(Gly 30-Asn 439), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly 30-Asn 439
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human R-Spondin 1, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human CD36, His,Avitag with a linear range of 0.313-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 50.2 kDa. The protein migrates as 66-90 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

 Tel: 1-631-559-9269 1-516-512-3133

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

CD36 CD36 molecule (thrombospondin receptor) [Homo sapiens]

Official Symbol

CD36

Synonyms

CD36; CD36 molecule (thrombospondin receptor); CD36 antigen (collagen type I receptor, thrombospondin receptor); platelet glycoprotein 4; FAT; GP3B; GP4; GPIV; SCARB3; GPIIIB; PAS IV; PAS-4 protein; glycoprotein IIIb; cluster determinant 36; fatty acid translocase; platelet glycoprotein IV; scavenger receptor class B, member 3; leukocyte differentiation antigen CD36; CHDS7; PASIV; BDPLT10;

Gene ID

948

mRNA Refseq

NM_000072

Protein Refseq

NP_000063

MIM

173510

UniProt ID

P16671

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