

Active Recombinant Human CD36 protein, His-tagged

Cat. No. CD36-179H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD36 protein(P16671-1)(Gly30-Asn439) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	30-439 aa
Form	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD36, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD36 Antibody, hFc Tag with the EC50 of 1.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 48.23 kDa. Due to glycosylation, the protein migrates to 70-85 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; GPIIB; 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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