

Active Recombinant Human CD36 Protein, Fc-tagged

Cat. No. CD36-22H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD36(Gly30 - Asn439) fused with Fc of Human IgG1 at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Gly30 - Asn439
Predicted N Terminal	Gly30
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhCD36/Fc Chimera at 2 µg/mL (100 µL/well) can bind rhTSP-2/His with a linear range of 0.05-2 µg/mL.
Molecular Mass	Predicted Molecular Mass: 73 kDa (monomer); SDS-PAGE: 93 kDa, reducing conditions.
Endotoxin	<0.01 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied.

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1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

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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