

## Active Recombinant Human CD36 Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD36(Gly30 - Asn439) fused with Fc of Human IgG1 at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Gly30 - Asn439
<b>Predicted N Terminal</b>	Gly30
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Predicted Molecular Mass: 73 kDa (monomer); SDS-PAGE: 93 kDa, reducing conditions.
<b>Endotoxin</b>	<0.01 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain
<b>Storage</b>	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; 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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