

Recombinant Rat Cd36 protein(Gly30-Lys439), hFc-tagged

Cat. No. Cd36-8751R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD36 (NP_113749.2)(Gly30-Lys439) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Gly30-Lys439
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CD36/Fc is a disulfide-linked homodimer. The reduced monomer comprises 651 amino acids and has a predicted molecular mass of 73.3 kDa. The apparent molecular mass of the protein is approximately 108 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name Cd36 CD36 molecule (thrombospondin receptor) [*Rattus norvegicus*]

Official Symbol Cd36

Synonyms CD36; CD36 molecule (thrombospondin receptor); platelet glycoprotein 4; GPIV; PAS-4; GPIIIB; PAS IV; glycoprotein IIIb; fatty acid translocase; platelet glycoprotein IV; adipocyte membrane protein; fatty acid transport protein; collagen type I receptor thrombospondin receptor; CD36 antigen (collagen type I receptor, thrombospondin receptor); Fat; MGC91634; MGC108510;

Gene ID 29184

mRNA Refseq NM_031561

Protein Refseq NP_113749

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