Recombinant Rat Cd36 protein, His-tagged

Cat. No. Cd36-716R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd36 protein(Q66HI4) (Gly30-Lys439) was expressed in HEK293, fused with a polyhistidine tag 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 comprises 421 amino acids and predicts a molecular mass of 47.8 kDa. The apparent molecular mass of the recombinant protein is approximately 68 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % 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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