Recombinant Human CD36 protein, His-tagged

Cat. No. CD36-3184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD36 protein(NP_001001547.1)(Gly 30-Asn 439) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	30-439 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD36 at 20 μg/ml (100 μl/well) can bind biotinylated human RSPO1 with a linear ranger of 0.032-4 μg/ml.
Molecular Mass	The secreted recombinant human CD36 comprises 420 amino acids with a predicted molecular mass of 48 kDa. As a result of glycosylation, the apparent molecular mass of rh CD36 is approximately 70-80 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

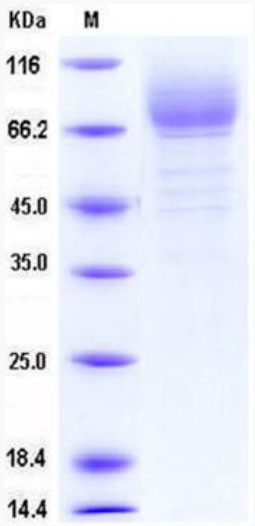
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	aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD36 CD36 molecule (thrombospondin receptor) [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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SDS-PAGE	

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