

Recombinant Human CD36 protein, His & T7-tagged

Cat. No. CD36-7084H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD36 aa. (Leu187~Asn428 (Accession # P16671)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu187~Asn428
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

CD36 CD36 molecule [Homo sapiens (human)]

Official Symbol

CD36

Synonyms

CD36; CD36 molecule; FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10; platelet glycoprotein 4; CD36 antigen (collagen type I receptor, thrombospondin receptor); CD36 molecule (thrombospondin receptor); GPIIIB; PAS IV; PAS-4 protein; cluster determinant 36; fatty acid translocase; glycoprotein IIIb; leukocyte differentiation antigen CD36; platelet glycoprotein IV; scavenger receptor class B, member 3

Gene ID

948

mRNA Refseq

NM_000072.3

Protein Refseq

NP_000063.2

UniProt ID

P16671

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