

## Recombinant Human CD36 protein, His & T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD36 aa. (Leu187~Asn428 (Accession # P16671)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu187~Asn428
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 31.1kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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**

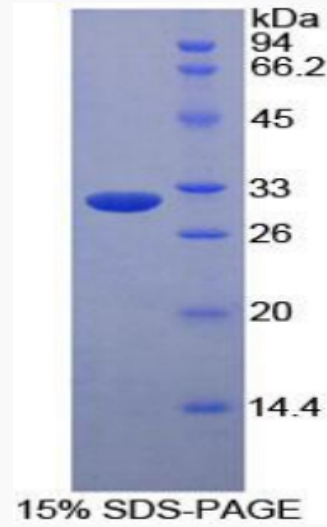
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SDS-PAGE



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