

Recombinant Rat Cd36 protein, His & T7-tagged

Cat. No. Cd36-7086R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd36 aa. (Tyr91~Cys311 (Accession # Q07969)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Tyr91~Cys311
Description	Fatty acid translocase; involved in long-chain fatty acid (LCFA) transport; important in fatty acid metabolism and insulin function.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd36
Synonyms	Cd36; CD36 molecule; Fat; RGD1562323; platelet glycoprotein 4; CD36 antigen (collagen type I receptor, thrombospondin receptor); CD36 molecule (thrombospondin receptor); Cd36 antigen-like; GPIIIB; GPIV; PAS IV; PAS-4; adipocyte membrane protein; collagen type I receptor thrombospondin receptor; fatty acid translocase; fatty acid transport protein; glycoprotein IIb; platelet glycoprotein IV
Gene ID	29184
mRNA Refseq	NM_031561.2
Protein Refseq	NP_113749.2

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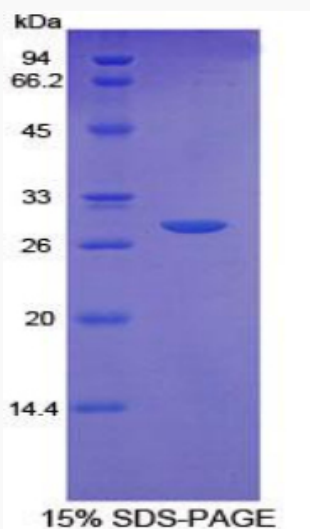
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UniProt ID

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SDS-PAGE

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