

Datasheet for ABIN7320791
CD36 Protein (CD36) (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD36
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD36 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse CD36/SCARB3 Protein (Fc Tag)(Active)
Sequence:	Gly30-Lys439
Characteristics:	Recombinant Mouse Platelet Glycoprotein 4 is produced by our Mammalian expression system and the target gene encoding Gly30-Lys439 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Mouse CD36-Fc at 10µg/ml(100 µl/well) can bind Human RSP01-His(Cat: PKSH033007). The ED50 of Mouse CD36-Fc is 0.07 ug/mL

Target Details

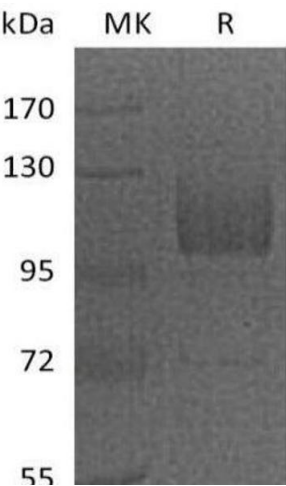
Target:	CD36
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Target Details

Alternative Name:	CD36/SCARB3 (CD36 Products)
Background:	<p>Background: Dermatopontin is a widely expressed noncollagenous protein component of the extracellular matrix. It is a 22 kDa molecule that is tyrosine sulfated but not glycosylated.</p> <p>Dermatopontin is down regulated in fibrotic growths such as leiomyoma and scar tissue, inhibits cell proliferation, accelerates collagen fibril formation, and stabilizes collagen fibrils against low-temperature dissociation, Dermatopontin deficient mice exhibit altered collagen matrix deposition and organization. Dermatopontin seems to mediate adhesion by cell surface integrin binding, may serve as a communication link between the dermal fibroblast cell surface and its extracellular matrix environment, and enhances TGFB1 activity (By similarity).</p> <p>Dermatopontin promotes bone mineralization under the control of the vitamin D receptor and inhibits BMP-2 effects on osteoblast precursors.</p> <p>Synonym: Glycoprotein IIIb, GPIIIB, PAS IV, PAS-4, Platelet glycoprotein IV, GPIV, CD36</p>
Molecular Weight:	73.5 kDa
UniProt:	Q08857
Pathways:	TLR Signaling , Peptide Hormone Metabolism , Response to Growth Hormone Stimulus , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Hepatitis C , Toll-Like Receptors Cascades , Lipid Metabolism , S100 Proteins

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>



Western Blotting

Image 1.