

Platelet Glycoprotein 4/CD36 Recombinant Protein | CD36 recombinant protein

Recombinant Mouse Platelet Glycoprotein 4/CD36 Protein (C-Fc)

CATALOG # AAA174709	HOST Human Cells	APPLICATIONS ELISA
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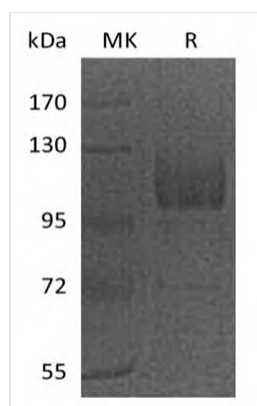
PRODUCT SYNONYMS

Platelet Glycoprotein 4/CD36; Recombinant Mouse Platelet Glycoprotein 4/CD36 Protein (C-Fc); Glycoprotein IIIb; GPIIIB; PAS IV; PAS-4; Platelet glycoprotein IV; GPIV; CD36; CD36 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 mum filtered solution of PBS, pH7.4.
Sequence	Gly30-Lys4 39
Sequence Length	201
Applicable Applications for CD36 recombinant protein	ELISA
Species	Mouse
Endotoxin	< 1.0 EU per mug as determined by the LAL method.
Fusion Tag	C-Fc
Reconstitution	It is recommended that sterile water(50ul) be added to the vial to prepare a stock solution of 0.2mg/mL. Concentration is measured by UV-Vis.
Note	We recommend that the vial be centrifuged to opening to bring the contents to the bottom.
Preparation and Storage	Ships on Blue Ice. Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8° for 2-7 days. Aliquots of reconstituted samples are stable at < -20° for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CD36 recombinant protein	Protein Construction: 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. Background: Dermato pontin is a widely expressed noncollagenous protein component of the extracellular matrix. It is a 22 kDa molecule that is tyrosine sulfated but not glycosylated. Dermato pontin 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, Dermato pontin deficient mice exhibit altered collagen matrix deposition and organization. Dermato pontin 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). Dermato pontin promotes bone mineralization under the control of the vitamin D receptor and inhibits BMP-2 effects on osteoblast precursors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9789943
NCBI Accession #	NP_062733.1
NCBI GenBank Nucleotide #	NP_062733.1
UniProt Accession #	Q9QZZ6
Molecular Weight	Molecular Mass: 73.5kDa Actual Protein Molecular Mass: 100-130kDa
NCBI Official Full Name	dermatopontin
UniProt Protein Name	Dermato pontin
UniProt Gene Name	Dpt
UniProt Synonym Gene Names	EQ-1; TRAMP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.