

Recombinant Human CD36 protein, His-Avi-tagged

Cat. No. CD36-074H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD36 Protein is expressed from mammalian with a poly-His tag and Avi at the C-terminal. It contains Gly30-Asn439.
Species	Human
Source	HEK293
ProteinLength	It contains Gly30-Asn439.
Description	CD36, alternatively known as platelet membrane glycoprotein IV (GPIV), GPIIb, thrombospondin receptor, collagen receptor, fatty acid translocase (FAT), and scavenger receptor class B, member 3 (SR-B3), is an integral membrane glycoprotein that has multiple physiological functions .CD36 is a multifunctional glycoprotein that acts as receptor for a broad range of ligands. Ligands can be of proteinaceous nature like thrombospondin, fibronectin, collagen or amyloid-beta as well as of lipidic nature such as oxidized low-density lipoprotein (oxLDL), anionic phospholipids, long-chain fatty acids and bacterial diacylated lipopeptides.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 49.5 kDa.Due to glycosylation, the protein migrates to 70-80 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per ug by the LAL method.

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Purity	> 95% as determined by Bis-Tris PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

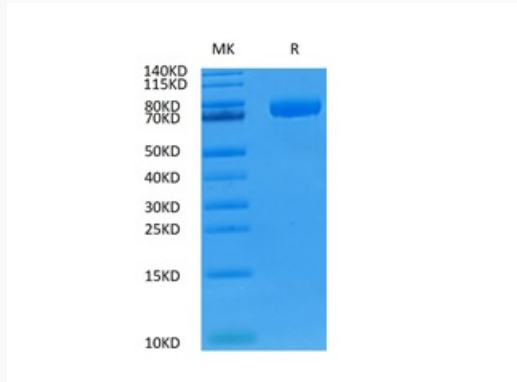
Gene Name	CD36 CD36 molecule (thrombospondin receptor) [Homo sapiens]
Official Symbol	CD36
Synonyms	CD36 antigen; CD36 molecule (thrombospondin receptor); CD36; Collagen R; FAT; FATCHDS7; Fatty acid translocase; Glycoprotein IIIb; GP3Bthrombospondin receptor); GPIIb; GPIV; Leukocyte differentiation antigen CD36; PAS IV; PAS-4; Platelet collagen receptor; platelet glycoprotein 4; Platelet glycoprotein IV; SCARB3; scavenger receptor class B, member 3; SRB3; SR-B3; Thrombospondin R; Thrombospondin receptor
Gene ID	948
mRNA Refseq	NM_000072
Protein Refseq	NP_000063
MIM	173510
UniProt ID	P16671

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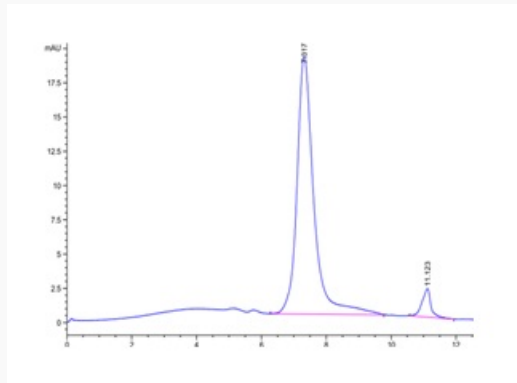
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Tris-Bis PAGE



HPLC data



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