

Human CD36/SR-B3 Protein

Cat. No. CD3-HM236



Description

Source	Recombinant Human CD36/SR-B3 Protein is expressed from HEK293 with hFc tag at the C-terminus.
	It contains Gly30-Asn439.
Accession	P16671-1
Molecular Weight	The protein has a predicted MW of 72.56 kDa. Due to glycosylation, the protein migrates to 90-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

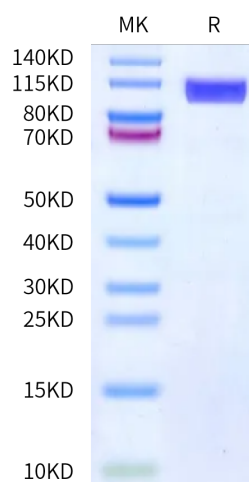
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

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.

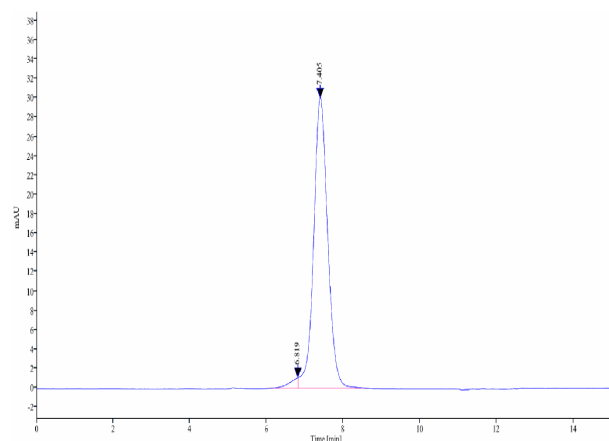
Assay Data

Bis-Tris PAGE



Human CD36 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.

SEC-HPLC



The purity of Human CD36 is greater than 95% as determined by SEC-HPLC.