

32-9523: Recombinant Human Platelet Glycoprotein IV/SR-B3 Fc Chimera Protein/CD36(C-Fc)

Alternative Name : Fatty acid translocase; Glycoprotein IIIb;FATCHDS7; Leukocyte differentiation antigen CD36; PAS IV;Platelet collagen receptor;SCARB3; Thrombospondin receptor; CD36

Description

Source : Human Cells;

Platelet Glycoprotein 4 (CD36) is an integral membrane glycoprotein that has multiple physiological functions. It is broadly expressed on a variety of cell types including microvascular endothelium, adipocytes, skeletal muscle, epithelial cells of the retina, breast, and intestine, smooth muscle cells, erythroid precursors, platelets, megakaryocytes, dendritic cells, monocytes/macrophages, and microglia. As a member of the scavenger receptor family, CD36 is a multiligand pattern recognition receptor that interacts with a large number of structurally dissimilar ligands, including long chain fatty acid (LCFA), advanced glycation end products (AGE), thrombospondin-1, oxidized lowdensity lipoproteins (oxLDLs), high density lipoprotein (HDL), phosphatidylserine, apoptotic cells, Beta amyloid fibrils (fABeta), collagens I and IV, and Plasmodium falciparum infected erythrocytes. CD36 is required for the antiangiogenic effects of thrombospondin-1 in the corneal neovascularization assay. It plays a role in lipid metabolism and has been identified as a fatty acid translocase necessary for the binding and transport of LCFA in cells and tissues.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Human platelet membrane glycoprotein IV is produced by our Mammalian expression system and the target gene encoding Gly30-Asn439 is expressed with a Fc tag at the C-terminus.