

## 32-9005: Recombinant Human Platelet Glycoprotein 4/CD36 (C-6His)(Discontinued)

**Gene :** CD36  
**Gene ID :** 948  
**Uniprot ID :** P16671

### Description

Source: Human Cells.  
MW :47.4kD.

Recombinant Human Platelet Glycoprotein 4 is produced by our Mammalian expression system and the target gene encoding Gly30-Asn439 is expressed with a 6His tag at the C-terminus. 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 (fA beta), 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 :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** GDLLIQKTIKKQVVLEEGTIAFKNWWKTGTEVYRQFWIFDVQNPQEVMMNSSNIQVKQRGPYTYRVRFLAKENV TQDAEDNTVSFLQPNGAIFEPSLSVGTADNFTVLNLAVAAASHIYQNQFVQMILNSLINKSKSSMFQVRTLREL LWGYRDPFLSLVPYPVTTTVGLFYPNNTADGVYKVFNGKDNISKVAIIDTYKGRNLSYWESHCDMINGTDAA SFPPFVEKSQVLQFFSSDICRSIYAVFESDVNLKGIPVYRFLPSKAFASPVENPDNYCFCTEKIISKNCTSYGVLDI SKCKEGRPVYISLPHFLYASPDVSEPIDGLNPNEEEHRTYLDIEPITGFTLQFAKRLQVNULLVKPSEKIQVLKLNKR NYIVPILWLNETGTIGDEKANMFRSQVTGKINHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.