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32-13104: CD36 Human

Alternative Name :	Platelet glycoprotein 4 isoform 1, BDPLT10, CHDS7, FAT, GP3B, GP4, GPIV, PASIV, SCARB3, Glycoprotein IIIb, GPIIIB, Leukocyte differentiation antigen CD36, PAS-4, Platelet collagen receptor, Platelet glycoprotein IV, Thrombospondin receptor.

Description

Source: Sf9, Insect cells.
Sterile filtered colorless solution.
CD36 is an integral membrane protein found in a variety cell types of mammals, it is part of the class B scavenger receptor family. In humans it is encoded by the CD36 gene. The protein binds to ligands such as native lipoproteins, collagen, long-chain fatty acids, thrombospondin etc. CD36 plays a crucial role in transporting fatty acids into the cell.Â
CD36 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 652 amino acids (30-439a.a.) and having a molecular mass of 73.9kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).CD36 is expressed with a 242 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE. Â
Content :	CD36 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADLGDLLIQK TIKKQVVLEE GTIAFKNWVK TGTEVYRQFW IFDVQNPQEV MMNSSNIQVK QRGPYTYRVR FLAKENVTQD AEDNTVSFLQ PNGAIFEPSL SVGTEADNFT VLNLAVAAAS HIYQNQFVQM ILNSLINKSK SSMFQVRTLR ELLWGYRDPF LSLVPYPVTT TVGLFYPYNNTADGVYKVFN GKDNISKVAI IDTYKGKRNL SYWESHCDMI NGTDAASFPP FVEKSQVLQF FSSDICRSIY AVFESDVNLK GIPVYRFVLP SKAFASPVEN PDNYCFCTEK IISKNCTSYG VLDISKCKEG RPVYISLPHF LYASPDVSEP IDGLNPNEEE HRTYLDIEPI TGFTLQFAKRLQVNLLVKPS EKIQVLKNLK RNYIVPILWL NETGTIGDEK ANMFRSQVTG KINLEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKGQPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.