9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD36 Human

CD36 Human Recombinant
CDA0062

Product Overview

Name	CD36 Human
Description	
CD36 Human Recombinant	
Accession (Primary)	P16671
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD36 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADL GDLLIQK TIKKQVVLEE GTIAFKNWVK TGTEVYRQFW IFDVQNPQEV MMNSSNIQVK QRGPYTYRVR FLAKENVTQD AEDNTVSFLQ PNGAIFEPSL SVGTEADNFT VLNLAVAAAS HIYQNQFVQM ILNSLINKSK SSMFQVRTLR ELLWGYRDPF LSLVPYPVTT TVGLFYPYNN TADGVYKVFN GKDNISKVAI IDTYKGKRNL SYWESHCDMI NGTDAASFPP FVEKSQVLQF FSSDICRSIY AVFESDVNLK GIPVYRFVLP SKAFASPVEN	

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PDNYCFCTEK IISKNCTSYG VLDISKCKEG RPVYISLPHF LYASPDVSEP IDGLNPNEEE HRTYLDIEPI TGFTLQFAKR LQVNLLVKPS EKIQVLKNLK RNYIVPILWL NETGTIGDEK ANMFRSQVTG KIN LEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH .

Precautions

CD36 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16671)