

Human CD36 Recombinant Protein



RPPB3068

Product Information Protein Information

Product SKU:

RPPB3068

Accession:

P16671

Host:

Sf9, Insect cells.

Protein description:

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 hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

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.

Formulation:

CD36 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

ADLGDLIIQK TIKKQVVLEE GTIAFKNWVK TGTEVYRQFW IFDVQNPQEV MMNSSNIQVK QRGPTYRVR
FLAKENVTD AEDNTVSFLQ PNGAIFEPSL SVGTEADNFT VLNLAVAAAS HIYQNFVQM ILNSLINKSK
SSMFQVRTLRL ELLWGYRDPF LSLVPYPVTT TVGLFYNNNTADGVYKVFN GKDNIKVAI IDTYKGKRN
SYWESHCDMI NGTDAASFPP FVEKSQVLQF FSSDICRSY AVFESDVNLK GIPVYRFVLP SKAFASPVEN
PDNYCFCTEK IISKNCTSYG VLDISKCKEG RPVYISLPHF LYASPDVSEP IDGLNPNEEE HRTYLDIEPI
TGFTLQFAKRLQVNLVKPS EKIQVLKNL RNYIVPILWL NETGTIGDEK ANMFRSQVTG KINLEPKSCD
KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTP
REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKGQPREPQVYTL PPSRDELTKN
QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPLVDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA
LHNHYTQKSL SLSPGKHHHH HH.