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

CD36 Mouse

CD36 Mouse Recombinant
CDA0063

Product Overview

Name	CD36 Mouse
Description	
CD36 Mouse Recombinant	
Accession (Primary)	Q08857
Synonyms	
Platelet glycoprotein 4, Glycoprotein IIIb, GPIIIB, PAS IV, PAS-4, Platelet glycoprotein IV, GPIV, CD36, Cd36.	
Introduction	
Platelet glycoprotein IV, also known as CD36 is an integral membrane glycoprotein which has multiple physiological functions. CD36 is broadly expressed on a wide array of cell types. CD36 is part of the scavenger receptor family and acts as a multiligand pattern recognition receptor which interacts with a large number of structurally dissimilar ligands. Furthermore, CD36 participates in lipid metabolism and has been known as a fatty acid translocase which is required for the binding as well as transport of LCFA in cells & tissues. CD36 also takes a major part in the initiation as well as pathogenesis of chronic inflammatory diseases such as Alzheimer's disease and atherosclerosis. CD36 is an integral membrane protein which mainly functions as a receptor for thrombospondin & collagen. CD36 directly mediates the cytoadherence of Plasmodium falciparum parasitized erythrocytes.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD36 protein solution (1mg/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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP GDMLIEK TIKREVVLEE GTTAFKNWVK TGTTVYRQFW IFDVQNPDDV AKNSSKIKVK QRGPYTYRVR	

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YLAKENITQD PEDHTVSFVQ PNGAIFEPSL SVGTEDDNFT VLNLAVAAAP HIYQNSFVQV VLNSLIKKSK SSMFQTRSLK ELLWGYKDPF LSLVPYPIST TVGVFYPYND TVDGVYKVFN GKDNISKVAI IESYKGKRNL SYWPSYCDMI NGTDAASFPP FVEKSRTLRF FSSDICRSIY AVFGSEIDLK GIPVYRFVLP ANAFASPLQN PDNHCFCTEK VISNNCTSYG VLDIGKCKEG KPVYISLPHF LHASPDVSEP IEGLHPNEDE HRTYLDVEPI TGFTLQFAKR LQVNILVKPA RKIEALKNLK RPYIVPILWL NETGTIGDEK AEMFKTQVTG KIK HHHHHH .

Precautions

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

Target Information: (Q08857)