



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Recombinant Mouse CD36

CLPRO2245
CLPRO2245-2
CLPRO2245-3

Synonyms: Platelet glycoprotein 4, Glycoprotein IIIb, GPIIB, 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.

Description: CD36 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 419 amino acids (30-439a.a.) and having a molecular mass of 47.4kDa (Molecular size on SDS-PAGE will appear at approximately 57-70kDa). CD36 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Source: Sf9, Insect cells.

Presentation: 2 µg (CLPRO2245), 10 µg (CLPRO2245-2), or 1 mg (CLPRO2245-3), Sterile Filtered colorless solution.

CD36 protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

Visit our website for your local distributor.

CEDARLANE®



www.cedarlanelabs.com

An ISO 9001:2015 and ISO 13485:2016
registered company.

In CANADA: Toll Free: 1-800-268-5058

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644

1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

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: Protein is >95% pure as determined by SDS-PAGE.

AA Sequence: ADPGDMLIEK TIKREVVLEE GTTAFKNWVK TGTTVYRQFW IFDVQNPDDV
AKNSSKIKVK QRGPTYTYRVR YLAKENITQD PEDHTVSFVQ PNGAIFEPSL SVGTEDDNFT VLNLAVAAAP
HIYQNSFVQV VLNSLIKKSK SSMFQTRSLK ELLWGYKDPF LSLVPYPIST TVGVFYYPYND TVDGVYKVFN
GKDNISKVAI IESYKGKRNL SYWPSYCDMI NGTDAASFPP FVEKSRTLRF FSSDICRSIY AVFGSEIDLK
GIPVYRFVLP ANAFASPLQN PDNHCFC TEK VISNNCTSYG VLDIGKCKEG KPVYISLP HF LHASPDVSEP
IEGLHPNEDE HRTYLDVEPI TGFTLQFAKR LQVNILVKPA RKIEALKNLK RPYIVPILWL NETGTIGDEK
AEMFKTQVTG KIKHHHHHH.

Laboratory Reagent For Research Use Only

MW 11/22/22