



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 HandelsgmbH

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) 


CD36 (Human) Recombinant Protein Proteo-Liposomes

Catalog # : H00000948-G01

規格 : [10 ug]

[List All](#)

Specification

Product Description:	Human CD36 full-length ORF (NP_000063.2) recombinant protein without tag.
Sequence:	MGCDRNCGLIAGAVIGAVLAVFGGILMPVGDLLIQKTIKKQVLEEGTIAF KNWVKTGTEVYRQFWIFDVQNPQEVMMNSSNIQVKQRGPYTYRVRFLA KENVTQDAEDNTVSFLQPNGAIFEPSLSVGTEADNFTVLNLAVAAASHIY QNQFVQMILNSLINKSKSSMFQVRTLRELLWGYRDPFLSLVPYPVTTTV GLFYPNNTADGVYKVFNGKDNISKVAIDTYKGRNLSYWESHCDMING TDAASFPPFVEKSQVLQFFSSDICRSIYAVFESDVNLKGIPVYRFVLPKA FASPVENPDNYCFCTEKIISKNCTSYGVLDISKCKEGRPVYISLPHFLYASP DVSEPIDGLNPNEEEHRTYLDIEPITGFTLQFAKRLQVNLVKPSEKIQVLK NLKRNIVPILWLNENGTIGDEKANMFRSQVTGKINLLGLIEMILLSVGVVM FVAFMISYCACRSKTIK
Host:	Wheat Germ (in vitro)
Theoretical MW (kDa):	53.1
Form:	Liquid
Preparation Method:	<i>in vitro</i> wheat germ expression system with proprietary liposome technology
Recommend Usage:	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer:	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction:	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note:	Best use within three months from the date of receipt of this protein.
Datasheet:	 Download

Publication Reference

- [Production and partial purification of membrane proteins using a liposome-supplemented wheat cell-free translation system.](#)
Nozawa A, Ogasawara T, Matsunaga S, Iwasaki T, Sawasaki T, Endo Y. BMC Biotechnol. 2011 Apr 11;11:35.

Applications

Antibody Production

Functional Study

Recommended usage only, not validated yet.

Compound Screening

Recommended usage only, not validated yet.

Application Image

Antibody Production

Functional Study

Compound Screening

Gene Information

Entrez GeneID: [948](#)

**GeneBank
Accession#:** [NM_000072.2](#)

**Protein
Accession#:** [NP_000063.2](#)

Gene Name: CD36

Gene Alias: CHDS7,FAT,GP3B,GP4,GPIV,PASIV,SCARB3

**Gene
Description:** CD36 molecule (thrombospondin receptor)

Omim ID: [173510](#), [248310](#), [608404](#), [610938](#), [611162](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other
Designations:** CD36 antigen,CD36 antigen (collagen type I receptor, thrombospondin receptor),PAS-4 protein,cluster determinant 36,fatty acid translocase,glycoprotein IIIb,leukocyte differentiation antigen CD36,platelet glycoprotein IV,scavenger receptor class B, member

Gene Pathway

[Adipocytokine signaling pathway](#) [ECM-receptor interaction](#) [Hematopoietic cell lineage](#)
[PPAR signaling pathway](#)

Related Disease

[Anemia](#) [Angina Pectoris](#) [Atherosclerosis](#) [Atherosclerosis](#) [Calcinosis](#)
[Cardiovascular Diseases](#) [Colon cancer](#) [Colorectal Neoplasms](#) [Coronary Artery Disease](#)
[Diabetes Mellitus](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hepatitis](#) [Toxic Hypertension](#) [Insulin Resistance](#)
[Kidney Failure](#) [Chronic Macular Degeneration](#)

... see more