



# 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

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## Datasheet

### CD1A (Human) Recombinant Protein

**Catalog Number:** P9632

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CD1A (P06126, 19 a.a. - 300 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.

**Sequence:**

ADPDGLKEPLSFHVTWIASFYNHWSKQNLVSGWLSDL  
QTHTWDSNSSTIVFLCPWSRGNFSNEEWKELETLFRI  
RTIRSFEGIRRYAHELQFEYPFEIQVTGGCELHSGKVS  
GSFLQLAYQGSDFVSFQNNSWLPYPVAGNMAKHFKK  
VLNQNQHENDITHNLLSDTCPRFILLLDAGKAHLQRQ  
VKPEAWLSHGSPGPGHLQLVCHVSGFYKPVWVM  
WMRGEQEQQGTQRGDILPSADGTWYLRATLEVAAGE  
AADLSCRVKHSSLEGQDIVLYWEHHSSVHHHHHH

**Host:** insect

**Theoretical MW (kDa):** 33.2

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Preparation Method:** Sf9 cell expression system

**Purity:** > 85.0% by SDS-PAGE

**Recommend Usage:** Biological Activity

SDS-PAGE

The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In PBS pH 7.4 (10% glycerol)

**Storage Instruction:** Store at 2°C to 8°C for 2-4 week.

For long term storage, aliquot and store at -20°C to  
-80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 909

**Gene Symbol:** CD1A

**Gene Alias:** CD1, FCB6, HTA1, R4, T6

**Gene Summary:** This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq]