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Datasheet for ABIN6964179

**CD1a Protein (CD1a) (Fc Tag)**

## Overview

Quantity:	100 µg
Target:	CD1a
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD1a protein is labelled with Fc Tag.

## Product Details

Sequence:	CD1A(Asn17-Val300)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

## Target Details

Target:	CD1a
Alternative Name:	CD1A ( <a href="#">CD1a Products</a> )
Background:	<p>Synonyms: CD1, FCB6, HTA1, R4, T6</p> <p>Description: 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</p>

## Target Details

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. Alternative splicing results in multiple transcript variants.

Molecular Weight: 56.76 kDa

UniProt: [P06126](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months