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Datasheet for ABIN5853610  
**CD1e Protein (CD1e) (AA 32-305) (His tag)**

1 Image

Overview

Quantity:	100 µg
Target:	CD1e
Protein Characteristics:	AA 32-305
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD1e protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MGSSHHHHHH SSSLVPRGSH MGSEEQLSFR MLQTSSFANH SWAHSEGS GW LGDLQTHGWD                  TVLGTIRFLK PWSHG NFSKQ ELKNLQSLFQ LYFHSFIQIV QASAGQFQLE YPFEIQILAG                  CRMNAPQIFL NMAYQGSDFL SFQGISWEPS PGAGIRAQNI CKVLNRYLDI KEILQSL LGH                  TCPRFLAGLM EAGESELKRK VKPEAWLSCG PSPGPGRLQL VCHVSGFY PK PVWVMW MRGE                  QEQRGTQRGD VLPNADETWY LRATLDVAAG EAAGLSCRVK HSSLGGHDLI IHWGGYS</p>
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	CD1e
Alternative Name:	CD1E ( <a href="#">CD1e Products</a> )
Background:	CD1E is a member of the CD1 family of transmembrane glycoproteins, which are structurally

## Target Details

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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. CD1E localizes within Golgi compartments, endosomes, and lysosomes, and is cleaved into a stable soluble form. The soluble form is required for the intracellular processing of some glycolipids into a form that can be presented by other CD1 family members. Recombinant human CD1E protein, fused to His-tag at N-terminus, was expressed in E.coli.

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Molecular Weight: 33.1 kDa (297aa)

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NCBI Accession: [NP\\_112155](#)

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UniProt: [P15812](#)

## Application Details

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

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Comment: Denatured

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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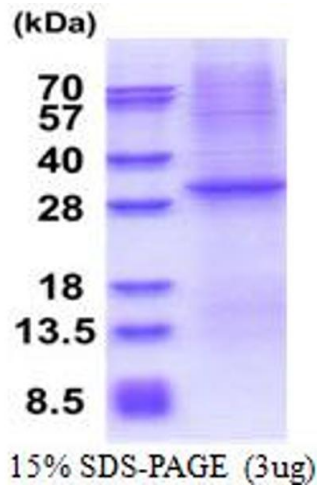
Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 10 % glycerol, 0.4M urea

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.