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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD1E (Human) Recombinant Protein

Catalog Number: P9635

Regulation Status: For research use only (RUO)

Product Description: Human CD1E (P15812, 32 a.a. - 305 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSEEQLSFRMLQTS
SFANHSWAHSEGSGLWLDLQTHGWDTVLGTIRFLKP
WSHGNSFSKQELKLNLSLFLYFHSFIQIVQASAGQFQ
LEYPFEIQILAGCRMNAPQIFLNMAYQGSDFLSFQGIS
WEPSPGAGIRAQNIKVLNRYLDIKEILQSLLGHTCPRF
LAGLMEAGESELKRKVKPEAWLSCGSPGPGRLQLV
CHVSGFYKPVWVMWMRGEQEQRGTQRGDVLPNA
DETWYLRATLDVAAGEAAGLSCRVKHSSLGGHDLIIH
WGGYS

Host: *Escherichia coli*

Theoretical MW (kDa): 33.1

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

Form: Liquid

Preparation Method: *Escherichia coli* 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 20mM Tris-HCl pH 8.0 (0.4 M Urea
and 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: 913

Gene Symbol: CD1E

Gene Alias: CD1A, R2

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 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. Several alternatively spliced transcript variants encoding different isoforms have been described. Additional transcript variants have been found; however, their biological validity has not been determined. [provided by RefSeq]