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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD1B (Human) Recombinant Protein

Catalog Number: P9633

Regulation Status: For research use only (RUO)

Product Description: Human CD1B (P29016, 18 a.a. - 303 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSMSEHAFQGPTSF
HVIQTSSFTNSTWAQTQGGWLDLQIHGWDSDSGT
AIFLKPSKGNFSDKEVAELEEIFRVYIFGFAREVQDFA
GDFQMKYPFIEIQIAGCELHSGGAIVSFLRGALGGLDF
LSVKNASCVPSPPEGGSRAQKFCALIIQYQGIMETVRILL
YETCPRYLLGVNLNAGKADLQRQVKPEAWLSSGSPSG
PGRLQLVCHVSGFYKPVVWMMWRGEQEQQGTQLG
DILPNANWTWYLRATLDVADGEAAGLSCRVKHSSLEG
QDIILYWRNPTSIGS

Host: *Escherichia coli*

Theoretical MW (kDa): 34.2

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: > 90.0% 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 (1 mM DTT,
0.2 M NaCl and 20% 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: 910

Gene Symbol: CD1B

Gene Alias: CD1, CD1A, MGC125990, MGC125991,
R1

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 late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens. [provided by RefSeq]