Recombinant Human CD1B, His-tagged

Cat. No. CD1B-10918H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	124-206a.a.
Description	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for T lymphocytes, but not monocytes or granulocytes. The product of this gene binds to chemokine receptors CCR4 and CCR8. This chemokine plays important roles in T cell development in thymus as well as in trafficking and activation of mature T cells.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	CD1B CD1b molecule [Homo sapiens]
Official Symbol	CD1B
Synonyms	CD1B; CD1b molecule; CD1, CD1b antigen , CD1B antigen, b polypeptide; T-cell surface glycoprotein CD1b; CD1B antigen, b polypeptide; cortical thymocyte antigen CD1B; differentiation antigen CD1-alpha-3; R1; CD1; CD1A; MGC125990; MGC125991;
Gene ID	910
mRNA Refseq	NM_001764
Protein Refseq	NP_001755
MIM	188360
UniProt ID	P29016
Chromosome Location	1q22-q23
Pathway	Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;
Function	protein binding;

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