Recombinant Human CD1B protein, hFc-tagged

Cat. No. CD1B-7331H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1B protein(NP_001755) (Met1-Ser 303) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-303 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CD1B /Fc is a disulfide-linked homodimer. The reduced monomer comprises 527 amino acids and has a predicted molecular mass of 58.6 kDa. The apparent molecular mass of the protein is approximately 59-69 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

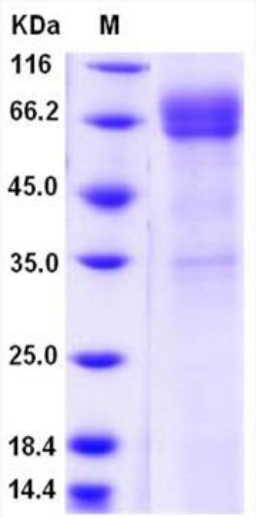
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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SDS-PAGE	

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