

Recombinant Human CD1D protein, His-tagged

Cat. No. CD1D-2188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1D protein(NP_001757.1) (Met 1-Ser 301) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-301 aa
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant human CD1D consists of 293 amino acids and predicts a molecular mass of 33.3 kDa. As a result of glycosylation, rh CD1D migrates as an approximately 45-50 kDa band 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001757.1
Unit ID	P15813
Unit ID-Weblink	http://www.uniprot.org/uniprot/P15813
GENE INFORMATION	
Gene Name	CD1D CD1d molecule [Homo sapiens]
Official Symbol	CD1D
Synonyms	CD1D; CD1d molecule; CD1d antigen , CD1D antigen, d polypeptide; antigen-presenting glycoprotein CD1d; R3G1; thymocyte antigen CD1D; CD1D antigen, d polypeptide; T-cell surface glycoprotein CD1d; differentiation antigen CD1-alpha-3; HMC class I antigen-like glycoprotein CD1D; R3; CD1A; MGC34622;
Gene ID	912
mRNA Refseq	NM_001766
protein Refseq	NP_001757
MIM	188410