Recombinant Human CD1C Protein, Fc-tagged

Cat. No. CD1C-827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD1C(Asn18-Met302) fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	18-302 a.a.
Description	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 is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known.
Form	1 x PBS, pH7.4, 10% glycerol.
Molecular Mass	59 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CD1C CD1c molecule [Homo sapiens]
Official Symbol	CD1C
Synonyms	CD1C; CD1c molecule; CD1, CD1c antigen , CD1C antigen, c polypeptide; T-cell surface glycoprotein CD1c; CD1C antigen, c polypeptide; cortical thymocyte antigen CD1C; differentiation antigen CD1-alpha-3; R7; CD1; CD1A; BDCA1;
Gene ID	911
mRNA Refseq	NM_001765
Protein Refseq	NP_001756
MIM	188340
UniProt ID	P29017

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