

Proteoliposomes

Full-Length

CD1C (Human) Recombinant Protein

Catalog # H00000911-G01

Size 10 ug

Specification

Product Description

Human CD1C full-length ORF (ADR82954.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLFLQFLLLALLLPGGDNADASQEHVSFHVLIQIFSFNQSWARGQGSGWLDELQTHGWDSSEGT
IIFLHNWSKGNFSNEELSDLELLFRFYLFGLTREIQDHASQDYSKYPFEVQVKAGCELHSGKSPEG
FFQVAFNGLDLLSFQNTTWVPSPGCGSLAQSVCHLLNHQYEGVTETVYNLIRSTCPRFLLGLLDA
GKMYVHRQVRPEAWLSSRPSLGSQQLLLVCHASGFYPKPVVWTWMRNEQQLGTHGDILPNA
DGTWYLQVILEVASEEPAGLSCRVRHSSLGGQDII LYWGHFHS MNWIALVVVPLVILVLVLWFKKH
CSYQDIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

36.7

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CD1C

Entrez GeneID [911](#)

GeneBank Accession# [HQ258200.1](#)

Protein Accession# [ADR82954.1](#)

Gene Name CD1C

Gene Alias BDCA1, CD1, CD1A, R7

Gene Description CD1c molecule

Omim ID [188340](#)

Gene Ontology [Hyperlink](#)

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 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. [provided by RefSeq]

Other Designations CD1C antigen|CD1C antigen, c polypeptide|OTTHUMP00000018909|T-cell surface glycoprotein CD1c|cortical thymocyte antigen CD1C|differentiation antigen CD1-alpha-3

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Lung Diseases](#)
- [Mycobacterium Infections](#)