abcam

Product datasheet

Recombinant Human CD1d protein ab114936

1 Image

Description

Product name Recombinant Human CD1d protein

Expression system Wheat germ
Accession P15813

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGCLLFLLLWALLQAWGSAEVPQRLFPLRCLQISSFANS

SWTRTDGLAWL

GELQTHSWSNDSDTVRSLKPWSQGTFSDQQWETLQHIF

RVYRSSFTRDVK

EFAKMLRLSYPLELQVSAGCEVHPGNASNNFFHVAFQGK

DILSFQGTSWE

PTQEAPLWVNLAIQVLNQDKWTRETVQWLLNGTCPQFVS

GLLESGKSELK

KQVKPKAWLSRGPSPGPGRLLLVCHVSGFYPKPVWVKW

MRGEQEQQGTQP

GDILPNADETWYLRATLDVVAGEAAGLSCRVKHSSLEGQ

DIVLYWGGSYT

SMGLIALAVLACLLFLLIVGFTSRFKRQTSYQGVL

Predicted molecular weight 63 kDa including tags

Amino acids 1 to 335

Tags GST tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab114936 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Western blot

SDS-PAGE

ELISA

Form Liquid

1

Additional notes

Protein concentration is lot specific and is between 0.01 - 0.12 ug/ul

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCI

General Info

Function Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell

receptors on natural killer T-cells.

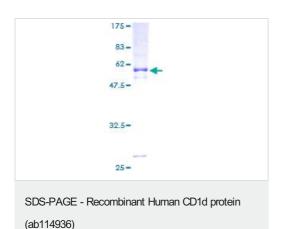
Tissue specificity Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues.

Sequence similaritiesContains 1 lg-like (immunoglobulin-like) domain.

Cellular localization Cell membrane. Endosome membrane. Lysosome membrane. Subject to intracellular trafficking

between the cell membrane, endosomes and lysosomes.

Images



ab114936 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

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