

Datasheet for ABIN7597235

CD300d Protein (AA 19-165) (Fc Tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	CD300d (CD300LD)
Protein Characteristics:	AA 19-165
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD300d protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CLM5 Protein with C-terminal human Fc tag
Sequence:	CLM5(Ala19-His165) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD300d (CD300LD)
Alternative Name:	CLM5 (CD300LD Products)
Background:	CLM-4, CLM-5, CD300D, CMRF35A4, CMRF35-A4 Predicted to enable transmembrane signaling receptor activity and virus receptor activity. Predicted to be involved in immune system process. Predicted to act upstream of or within regulation of interleukin-6 production and regulation of tumor necrosis factor production.

Target Details

Predicted to be integral component of membrane. Predicted to be active in plasma membrane.
[provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 42.3 kDa after removal of the signal peptide.

UniProt: [Q6UXZ3](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months