

[Go to Product page](#)

## Datasheet for ABIN7317256

### CD300LG Protein

#### Overview

Quantity:	100 µg
Target:	CD300LG (TREM4)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

#### Product Details

Purpose:	Recombinant Human CLM-9/TREM4 Protein
Sequence:	Met 1-Arg247
Characteristics:	A DNA sequence encoding the human CD300LG (AAH25395.1)(Met1-Arg247) was expressed with six amino acids (LEVLFQ) at the C-terminus was expressed and purified.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

#### Target Details

Target:	CD300LG (TREM4)
Alternative Name:	CLM-9/TREM4 ( <a href="#">TREM4 Products</a> )
Background:	Background: CLM-9, also known as TREM4, is a receptor which belongs to the TREM family. The TREM family of receptors regulates the activity of various cell types of the immune system including neutrophils, monocyte/macrophages, microglia, and dendritic cells. CLM-9 may mediate L-selectin-dependent lymphocyte rollings. It binds SELL in a calcium dependent

## Target Details

manner. CLM-9 also binds lymphocyte which suggests that it functions in lymphocyte adhesion. The major CLM-9 transcript is expressed highly in human heart, skeletal muscle, and placenta. The mouse protein has been shown to be expressed in capillary endothelial cells. Human CLM-9 mediates the uptake of human IgA2 and mouse IgM.

Synonym: CMRF35-Like Molecule 9, CLM-9, CD300 Antigen-Like Family Member G, Triggering Receptor Expressed on Myeloid Cells 4, TREM-4, CD300g, CD300LG, CLM9, TREM4, NEPMUCIN

Molecular Weight:	25.5 kDa
-------------------	----------

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
---------	-------------

Reconstitution:	Please refer to the printed manual for detailed information.
-----------------	--

Buffer:	Lyophilized from sterile PBS, pH 7.4
---------	--------------------------------------

Storage:	4 °C, -20 °C, -80 °C
----------	----------------------

Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
------------------	---