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CD300LG Protein (His tag)





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Quantity:	100 μg
Target:	CD300LG (TREM4)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD300LG protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat CLM-9/TREM4 Protein (His Tag)	
Sequence:	Met1-Arg160	
Characteristics:	A DNA sequence encoding the rat CD300LG (XP_002724611.1) (Met1-Arg160) was expressed with a polyhistidine tag at the C-terminus.	
Purity:	> 95 % as determined by 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 (TREM4 Products)
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 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.

Molecular Weight: 17.5 kDa

NCBI Accession: XP_002724611

Application Details

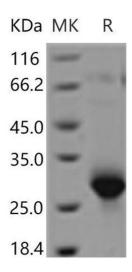
Restrictions: For Research Use only

Synonym: CD300LG

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.

Images



Western Blotting

Image 1.