

## Recombinant Human CD300LG protein, hFc-tagged

Cat. No. CD300LG-8580H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD300LG protein(AAH25395.1)(Met1-Arg247), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg247
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CD300LG/Fc is a disulfide-linked homodimer. The reduced monomer comprises 470 amino acids and has a predicted molecular mass of 51.7 kDa. The apparent molecular mass of the protein is approximately 70 and 34 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD300LG CD300 molecule-like family member g [ Homo sapiens ]

**Official Symbol** CD300LG

**Synonyms** CLM9; CLM-9; TREM4; TREM-4; NEPMUCIN

**Gene ID** 146894

**mRNA Refseq** NM\_145273.3

**Protein Refseq** NP\_660316.2

**MIM** 610520

**UniProt ID** Q6UXG3

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