

Recombinant Human CLM-9/CD300g Protein

Catalog No.: RP02161

Sequence Information

Species **Gene ID**
Human 146894

Swiss Prot **Tags**
Q6UXG3 C-His

Synonyms

CLM-9, CLM9, NEPMUCIN, TREM-4, TREM4, CD300LG

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
25.78 kDa 60–80 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

CMRF35-Like Molecule 9 (CD300LG) is a single-pass type I membrane protein which belongs to the CD300 family. CD300LG has one Ig-like V-type domain which mediates binding to lymphocyte. CD300LG is highly expressed in heart, skeletal muscle and placenta. CD300LG acts as a receptor which may mediate L-selectin-dependent lymphocyte rollings. CD300LG also binds SELL in a calcium dependent manner and lymphocyte. CD300LG may play an important role in molecular traffic across the capillary endothelium.

Basic Information

Description

Recombinant Human CLM-9/CD300g Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Leu19–Arg247) of human CLM9 (Accession #Q6UXG3) fused with a 6xHis tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

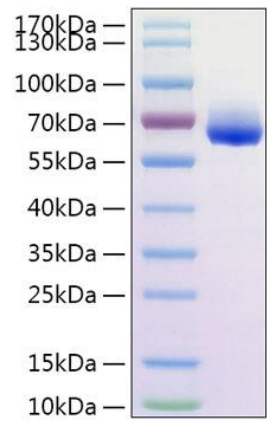
Contact

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Validation Data



Recombinant Human CLM-9/CD300g Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.