

## 32-7518: Recombinant Human CMRF35-Like Molecule 9/CLM-9/CD300LG (C-6His)(Discontinued)

**Gene :** CD300LG

**Gene ID :** 146894

**Uniprot ID :** Q6UXG3

### Description

Source: Human Cells.

MW :25.78kD.

Recombinant Human CLM9 is produced by our Mammalian expression system and the target gene encoding Leu19-Arg247 is expressed with a 6His tag at the C-terminus. 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 a important role in molecular traffic across the capillary endothelium.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** LEGPEEISGFEGDVTSLQCTYREELRDHRKYWCRKGGILFSRCSTIYAE EEGQETMKGRVSI RDSRQELSLIVT  
LWNLTLDAGEYWC GVEKRGPD ELLISLFVFPGCCPPSPPTFQPLATTRLQPKAKAQQTQPPGLTSPGLYP  
AATTAKQGKTGAEAPPLPGTSQYGHERTS QYTGTSHPATSPAGSSRPPMQLNSTSAEDTSPALSSGSSKPRV  
SIPMVRVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.