A Reliable Research Partner in Life Science and Medicine

# Recombinant Human CLM-9/TREM4 Protein (His Tag)

Catalog Number: PKSH033298

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Description

Species Human

Source HEK293 Cells-derived Human CLM-9/TREM4 protein Leu19-Arg247, with an C-

terminal His

Calculated MW25.8 kDaObserved MW70-95 kDaAccessionQ6UXG3

**Bio-activity** Not validated for activity

### **Properties**

**Purity** > 90 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage 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.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

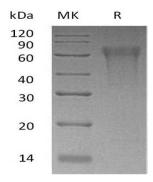
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

### Data



> 90 % as determined by reducing SDS-PAGE.

### **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 a important role in molecular traffic across the capillary endothelium.

### For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017