

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



Catalog Number:PKSH033298

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

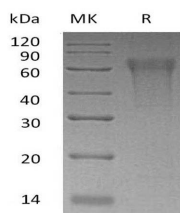
Description

Synonyms	CMRF35-Like Molecule 9;CLM-9;CD300 Antigen-Like Family Member G;Triggering Receptor Expressed on Myeloid Cells 4;TREM-4;CD300g;CD300LG;CLM9;TREM4;NEPMUCIN
Species	Human
Expression Host	HEK293 Cells
Sequence	Leu19-Arg247
Accession	Q6UXG3
Calculated Molecular Weight	25.8 kDa
Observed molecular weight	70-95 kDa
Tag	C-His

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% Tween80 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.

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