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Recombinant Human CD30L Protein(Fc Tag)

Catalog Number: PDMH100218

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

Description

Species Human

HEK293 Cells-derived Human CD30L proteins Gln63-Asp234, C-terminal Fc Source

Calculated MW 43.8 kDa Observed MW 50-70 kDa Accession P32971

Not validated for activity **Bio-activity**

Properties

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

Endotoxin < 1.0 EU/mg of the protein as determined by the LAL method

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -Storage

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.

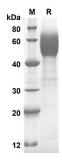
This product is provided as lyophilized powder which is shipped with ice packs. Shipping **Formulation**

Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5%

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution

of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Human CD30L proteins, 2 µg/lane of Recombinant Human CD30L proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 43.8 KD

Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell line s, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

For Research Use Only

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