

Recombinant Human sCD40L Protein(Fc Tag)

Catalog Number: PDMH100209

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

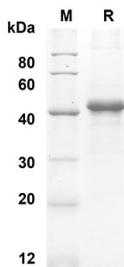
Description

| | |
|---------------|--|
| Species | Human |
| Source | HEK293 Cells-derived Human sCD40L protein Met113-Leu261 766, with an C-terminal Fc |
| Calculated MW | 41.2 kDa |
| Observed MW | 40-45 kDa |
| Accession | P29965 |
| Bio-activity | Not validated for activity |

Properties

| | |
|----------------|---|
| Purity | > 90% as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU/mg 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 in PBS with 5% Trehalose and 5% Mannitol. |
| 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 sCD40L proteins, 2 µg/lane of Recombinant Human sCD40L proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 41.2 KD

Background

The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with an hyper-IgM syndrome.

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