

Biotinylated Recombinant Human CLEC2D Protein

Catalog No.: RP02764B Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 29121 09UHP7-1

Tags N-hFc&Avi

Synonyms

LLT-1; CLAX; LLT1; OCIL; CLEC2D; CLAXLLT-1; OCILmember D

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW Observed MW

59.1 kDa 68-75 kDa

Endotoxin

< 1 EU/µg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

C-type lectin domain family 2, member D (CLEC2D) is implicated in the immune response. Pre-eclampsia and HIV infection have opposing immune responses. The contrasting expression of CLEC2D in HIV infection and pre-eclampsia is demonstrative of the immunosuppressive and pro-inflammatory roles of the respective pathologies.

Basic Information

Description

Biotinylated Recombinant Human CLEC2D Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Arg60-Val191) of Human CLEC2D fused with a hFc and Avi tag at the N-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20° C. Store the lyophilized protein at -20° C to -80° C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

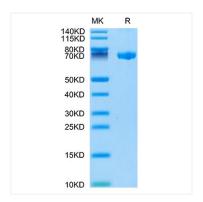
Avoid repeated freeze/thaw cycles.

Operational Notes

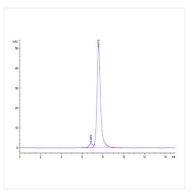
For your safety and health, please wear a lab coat and disposable gloves for handling.

^{*} DODOODOODOODOODOO

Validation Data



Biotinylated Recombinant Human CLEC2D Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human CLEC2D is greater than 95% as determined by SEC-HPLC.