

Biotinylated Recombinant Human CLEC2D Protein

Catalog No.: RP02764B

Sequence Information

Species	Gene ID
Human	29121
Swiss Prot	Tags
Q9UHP7-1	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 MWObserved 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

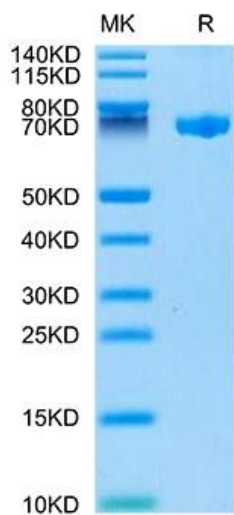
Operational Notes

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

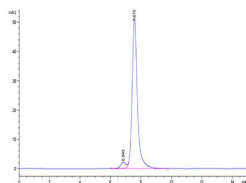
Contact

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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.