

Biotinylated Recombinant Human CLEC2D Protein

Catalog No.: RP02764B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	29121	Q9UHP7-1

Tags

N-hFc&Avi

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Calculated MW **Observed MW**

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.

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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

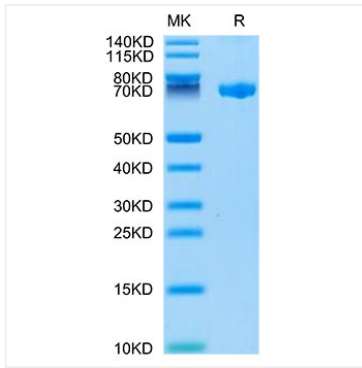
Storage

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

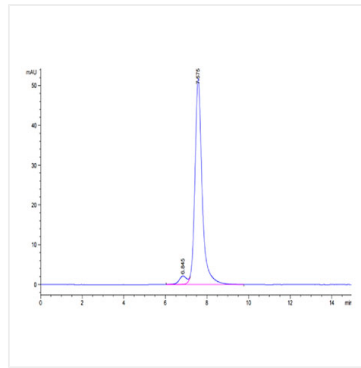
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Biotinylated Human CLEC2D on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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