

Recombinant Human CLEC2D Protein

Catalog No.: RP02723 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human		Q9UHP7-1

Tags
N-hFc-Avi

Synonyms

C-type lectin domain family 2 member D
Lectin-like NK cell receptor
Lectin-like transcript
1
LLT-1
CLAX
LLT1
OCIL
CLEC2D

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

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.

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. However, this implication may be confounded by highly active anti-retroviral treatment (HAART).

Basic Information

Description

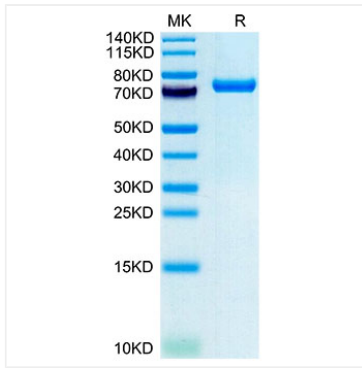
Recombinant Human CLEC2D Protein is expressed from Expi293 with hFc tag and Avi tag at the N-terminal. It contains Arg60-Val191.

Bio-Activity

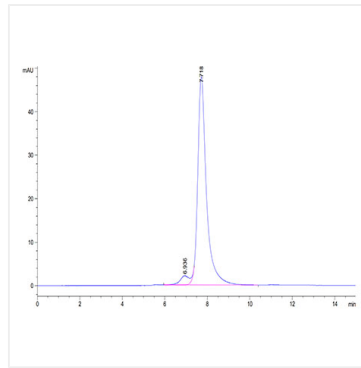
Storage

Store the lyophilized protein at -20°C to -80°C for long term.
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



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



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