

# Recombinant Human CLEC2D Protein

Catalog No.: RP02723 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	29121	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

Calculated MW	Observed MW
59.1 kDa	72-78 kDa

### 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

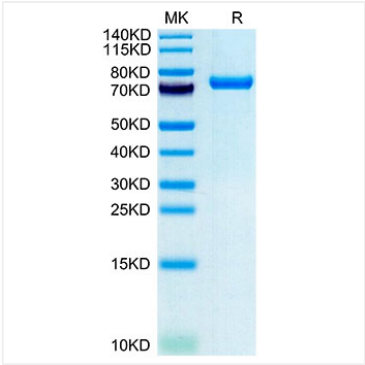
Recombinant Human CLEC2D Protein is expressed from Expi293 with hFc tag and Avi tag at the N-terminal. It contains Arg60-Val191.

### Bio-Activity

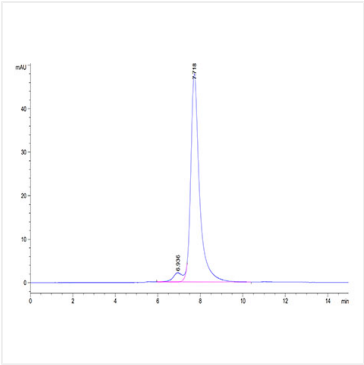
#### Storage

Store 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



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.