

Datasheet for ABIN7274344

**CLEC2D Protein (AA 60-191) (Fc-Avi Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CLEC2D
Protein Characteristics:	AA 60-191
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC2D protein is labelled with Fc-Avi Tag.

## Product Details

Purpose:	Human CLEC2D Protein
Sequence:	Arg60-Val191
Characteristics:	Recombinant Human CLEC2D Protein is expressed from HEK293 with hFc tag and Avi tag at the N-Terminus. It contains Arg60-Val191.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CLEC2D
Alternative Name:	CLEC2D ( <a href="#">CLEC2D Products</a> )

## Target Details

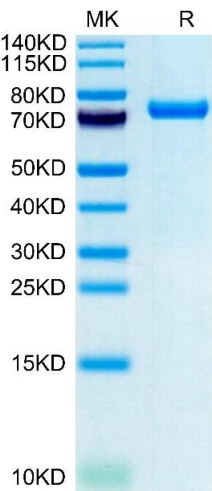
Background:	C-type lectin domain family 2, member D (CLEC2D) is implicated in the immune response. Pre-eclampsia and HIV infection have opposing immune responses. The contrasting expression of CLEC2D in HIV infection and pre-eclampsia is demonstrative of the immunosuppressive and pro-inflammatory roles of the respective pathologies. However, this implication may be confounded by highly active anti-retroviral treatment (HAART).
Molecular Weight:	59.1 kDa. Due to glycosylation, the protein migrates to 72-78 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a>

## Application Details

Restrictions:	For Research Use only
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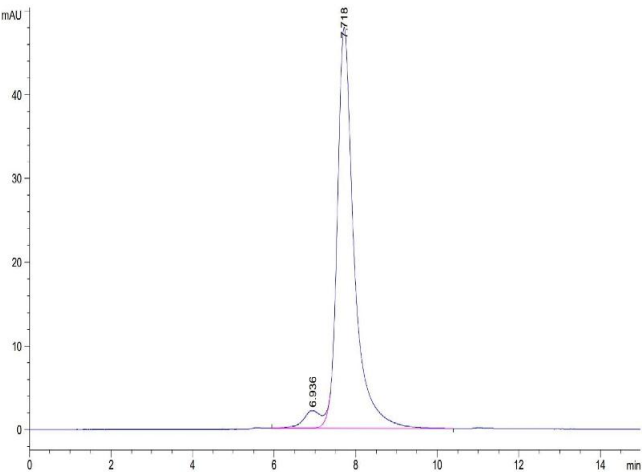
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Human CLEC2D on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human CLEC2D is greater than 95 % as determined by SEC-HPLC.