

# Biotinylated Human CLEC2D Protein

Cat. No. CLD-HM52DB

## Description

<b>Source</b>	Recombinant Biotinylated Human CLEC2D Protein is expressed from HEK293 with hFc tag and Avi tag at the N-Terminus. It contains Arg60-Val191.
<b>Accession</b>	Q9UHP7-1
<b>Molecular Weight</b>	The protein has a predicted MW of 59.1 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

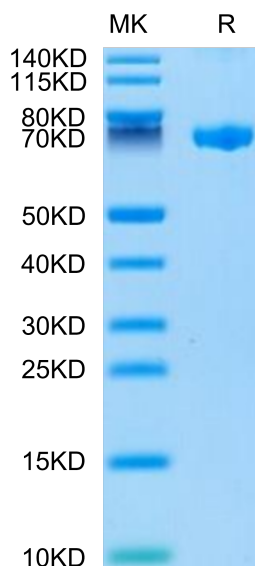
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-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.

## Assay Data

### Bis-Tris PAGE



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

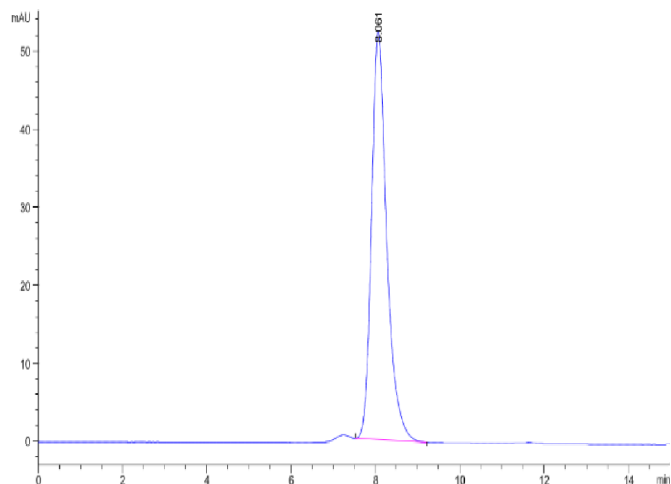
### SEC-HPLC

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## Assay Data



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