

Datasheet for ABIN7274354

**CLEC4A Protein (AA 70-237) (Fc Tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CLEC4A
Protein Characteristics:	AA 70-237
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC4A protein is labelled with Fc Tag.

## Product Details

Purpose:	Human CLEC4A/DCIR Protein
Sequence:	Gln70-Leu237
Characteristics:	Recombinant Human CLEC4A/DCIR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln70-Leu237.
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.
Biological Activity Comment:	Immobilized Human CLEC4A, hFc Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC4A Antibody, hFc Tag with the EC50 of 16.0ng/ml determined by ELISA. See testing image for detail.

## Target Details

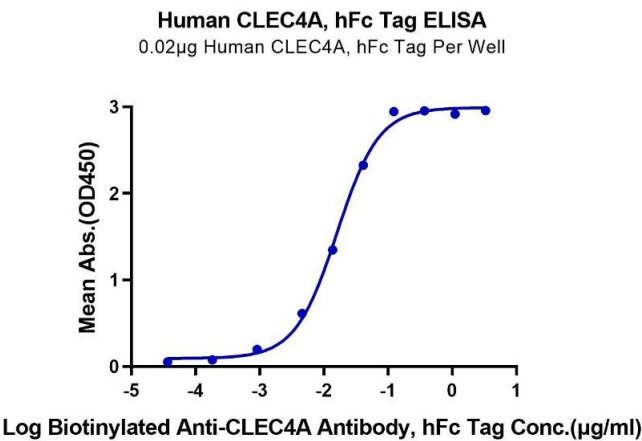
Target:	CLEC4A
Alternative Name:	CLEC4A ( <a href="#">CLEC4A Products</a> )
Background:	Clec4a has been reported to be an immune suppressor of dendritic cells (DCs), but its potential role in cancer therapy remains to be elucidated. silencing of Clec4a2 expression via skin delivery of shRNA produces an effective antitumor response and that Clec4a2 shRNA may have therapeutic potential as an adjuvant for cancer immunotherapy.
Molecular Weight:	46.7 kDa. Due to glycosylation, the protein migrates to 60-65 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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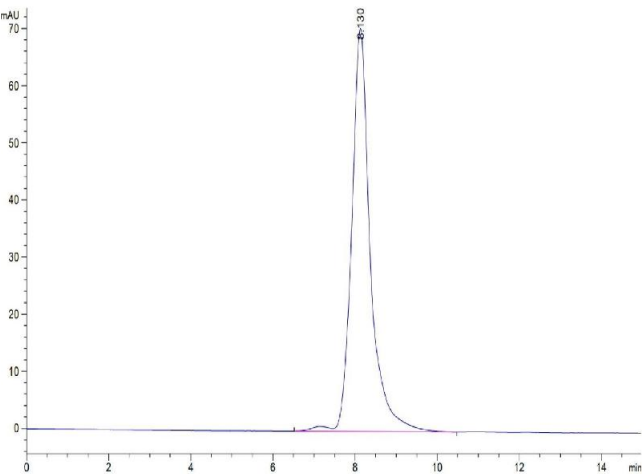
## Handling

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



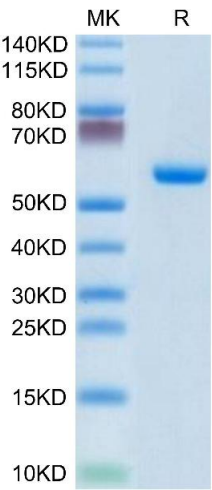
**ELISA**

**Image 1.** Immobilized Human CLEC4A, hFc Tag at 0.2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC4A Antibody, hFc Tag with the EC50 of 16.0 ng/mL determined by ELISA.



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human CLEC4A/DCIR is greater than 95 % as determined by SEC-HPLC.



**SDS-PAGE**

**Image 3.** Human CLEC4A/DCIR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .