

Datasheet for ABIN7274364

CLEC4A Protein (AA 70-238) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CLEC4A
Protein Characteristics:	AA 70-238
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC4A protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse CLEC4A/DCIR Protein
Sequence:	Gln70-Leu238
Characteristics:	Recombinant Mouse CLEC4A/DCIR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln70-Leu238.
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:	CLEC4A
Alternative Name:	CLEC4A (CLEC4A Products)

Target Details

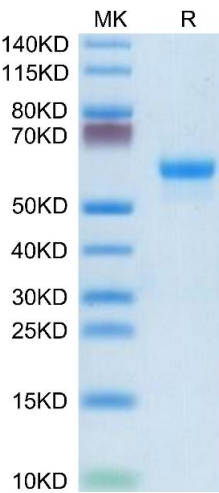
Background:	Clec4a has been reported to be an immune suppressor of dendritic cells (DCs), but its potential role in cancer therapy remains to be elucidated. silencing of Clec4a2 expression via skin delivery of shRNA produces an effective antitumor response and that Clec4a2 shRNA may have therapeutic potential as an adjuvant for cancer immunotherapy.
Molecular Weight:	46.3 kDa. Due to glycosylation, the protein migrates to 60-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q9QZ15

Application Details

Restrictions:	For Research Use only
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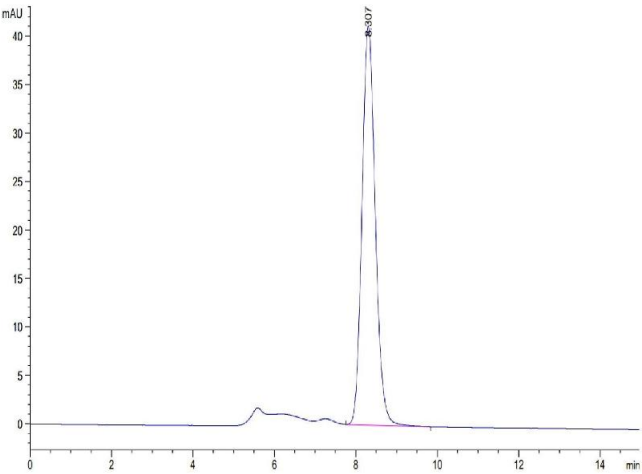
Handling

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. Mouse CLEC4A/DCIR 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 Mouse CLEC4A/DCIR is greater than 95 % as determined by SEC-HPLC.