

Datasheet for ABIN7274357

CLEC9A Protein (AA 57-241) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CLEC9A
Protein Characteristics:	AA 57-241
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC9A protein is labelled with Fc Tag.

Product Details

Purpose:	Human CLEC9A Protein
Sequence:	Lys57-Val241
Characteristics:	Recombinant Human CLEC9A Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Lys57-Val241.
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 CLEC9A, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC9A Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	CLEC9A
Alternative Name:	CLEC9A (CLEC9A Products)
Background:	CLEC9A expression was significantly higher in psoriatic skin compared with healthy donor. In psoriatic skin and PsA ST, CLEC9A(+) cells were in close proximity to TUNEL(+) cells. SF CLEC9A levels were significantly lower compared with paired PsA serum. Adalimumab treatment did not affect CLEC9A serum level and skin expression. The downregulation of synovial CLEC9A might be associated with a novel mechanism by which anti-TNF therapy might reduce CD8-mediated inflammation in PsA patients.
Molecular Weight:	48.5 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q6UXN8

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

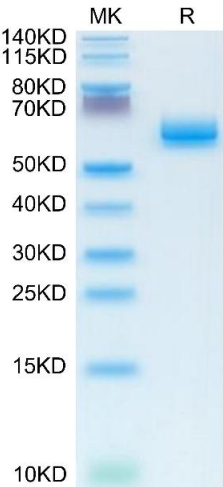
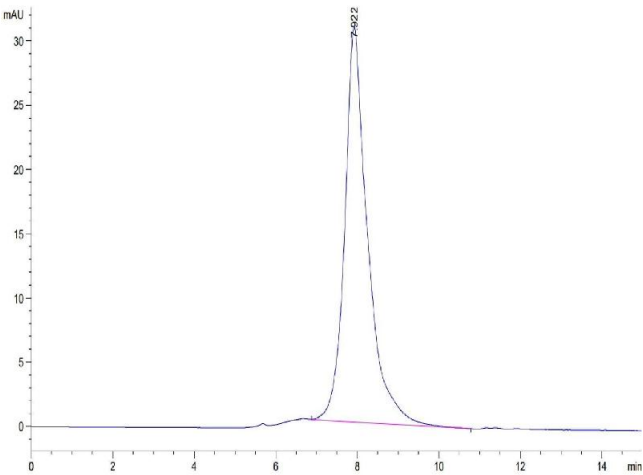
Image 1. The purity of Human CLEC9A is greater than 95 % as determined by SEC-HPLC.

SDS-PAGE

Image 2. Human CLEC9A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

Image 3. Immobilized Human CLEC9A, hFc Tag at 0.5 μg/mL (100 μL/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC9A Antibody, hFc Tag with the EC50 of 4.4 ng/mL determined by ELISA.



Human CLEC9A, hFc Tag ELISA
0.05μg Human CLEC9A, hFc Tag Per Well

