

Datasheet for ABIN7274762

CD42a Protein (AA 17-147) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD42a (GP9)
Protein Characteristics:	AA 17-147
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD42a protein is labelled with Fc Tag.

Product Details

Purpose:	Human CD42a/GP9 Protein
Sequence:	Thr17-Gly147
Characteristics:	Recombinant Human CD42a/GP9 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Thr17-Gly147.
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:	CD42a (GP9)
Alternative Name:	CD42a (GP9 Products)

Target Details

Background:	Filamentous M13 phage extrude from infected Escherichia coli with a tip structure composed of gp7 and gp9. This tip structure is extended by the assembly of the filament composed of the major coat protein gp8. gp7, gp8 and gp9 could also be used for phage display and these phage particles should bind to two different or more surfaces when the modified coat proteins are combined. The gp9 at the phage tip is suitable for the phage display technology.
Molecular Weight:	41 kDa. Due to glycosylation, the protein migrates to 48-50 kDa based on Tris-Bis PAGE result.
UniProt:	P14770

Application Details

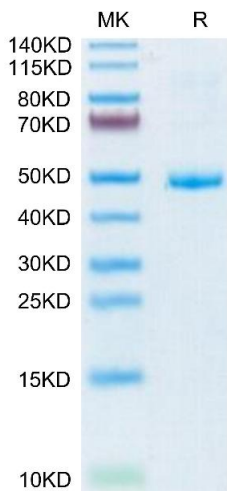
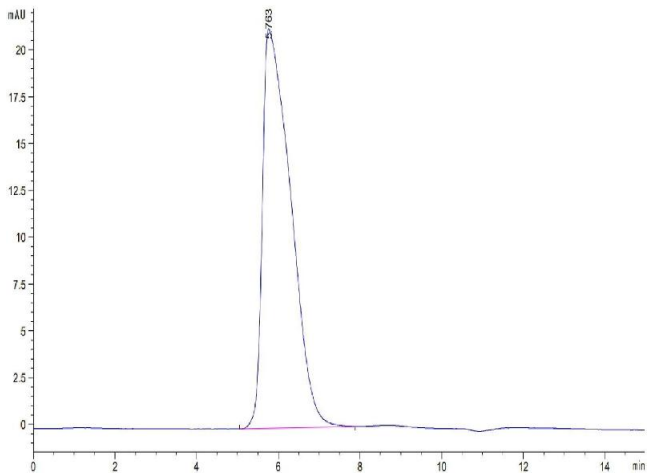
Restrictions:	For Research Use only
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Handling

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 20 mM Tris, 250 mM NaCl (pH 8.5). 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 CD42a/GP9 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human CD42a/GP9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .