

Datasheet for ABIN7274298

CDCP1 Protein (AA 29-666) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CDCP1
Protein Characteristics:	AA 29-666
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDCP1 protein is labelled with His tag.

Product Details

Purpose:	Rat CDCP1 Protein
Sequence:	Ser29-Thr666
Characteristics:	Recombinant Rat CDCP1 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ser29-Thr666.
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:	CDCP1
Alternative Name:	CDCP1 (CDCP1 Products)

Target Details

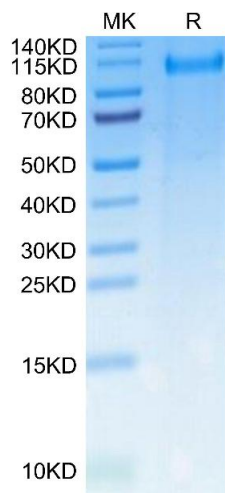
Background:	Tumor metastasis depends on the dynamic regulation of cell adhesion through β 1-integrin. The Cub-Domain Containing Protein-1, CDCP1, is a transmembrane glycoprotein which regulates cell adhesion. Overexpression and loss of CDCP1 have been observed in the same cancer types to promote metastatic progression.
Molecular Weight:	73.09 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.
UniProt:	D3ZVA1

Application Details

Restrictions:	For Research Use only
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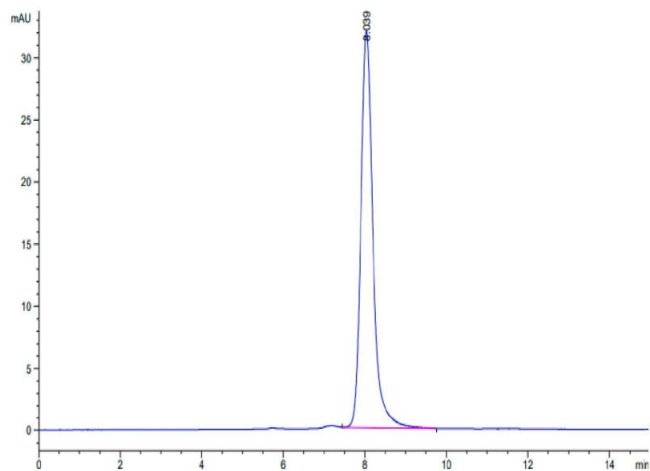
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m 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. Rat CDCP1 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 Rat CDCP1 is greater than 95 % as determined by SEC-HPLC.