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Datasheet for ABIN7454247  
**CDCP1 Protein (AA 30-368) (His tag)**

### Overview

Quantity:	100 µg
Target:	CDCP1
Protein Characteristics:	AA 30-368
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDCP1 protein is labelled with His tag.

### Product Details

Purpose:	Human CDCP1 (30-368) Protein
Sequence:	Phe30-Arg368
Characteristics:	Recombinant Human CDCP1 (30-368) Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe30-Arg368.
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 CDCP1 (30-368) , His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDCP1 Antibody, hFc Tag with the EC50 of 13.2ng/ml determined by ELISA. See testing image for detail.

## Target Details

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Target:	CDCP1
Alternative Name:	CDCP1 ( <a href="#">CDCP1 Products</a> )
Background:	Tumor metastasis depends on the dynamic regulation of cell adhesion through $\beta$ 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:	39.03 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 $\mu$ m filtered solution in 20 mM 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