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Datasheet for ABIN7319253  
**CDCP1 Protein (AA 30-341) (His tag)**

### Overview

Quantity:	50 µg
Target:	CDCP1
Protein Characteristics:	AA 30-341
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDCP1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CDCP1/CD318 Protein (aa 30-341, His Tag)
Sequence:	Phe30-Ser341
Characteristics:	Recombinant Human CUB domain-containing protein 1 is produced by our Mammalian expression system and the target gene encoding Phe30-Ser341 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CDCP1
Alternative Name:	CDCP1/CD318 ( <a href="#">CDCP1 Products</a> )

## Target Details

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**Background:** Background: CUB domain-containing protein 1(CDCP1) is a transmembrane glycoprotein with a large extracellular domain (ECD) containing two CUB domains, and a smaller intracellular domain (ICD) containing five tyrosines. CDCP1 is widely expressed in human epithelial tissues, but its phosphorylation is only seen in mitotically detached or shedding cells, consistent with its role in the negative regulation of cell adhesion. The tyrosine phosphorylation of CDCP1 in cultured cells occurs when cells are induced to detach by trypsin or EDTA, or seen spontaneously during mitotic detachment. The overexpression of CDCP1 leads to the loss of cell adhesion and a detached phenotype.

Synonym: CUB domain-containing protein 1, Membrane glycoprotein gp140, Subtractive immunization M plus HEP3-associated 135 kDa protein, SIMA135, Transmembrane and associated with src kinases, CD318, TRASK

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**Molecular Weight:** 36.1 kDa

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## Application Details

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Reconstitution:** Please refer to the printed manual for detailed information.

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**Buffer:** Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

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**Storage:** 4 °C, -20 °C, -80 °C

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**Storage Comment:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.