

Recombinant Human CDCP1 protein, His-tagged

Cat. No. CDCP1-5744H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDCP1 protein(Q9H5V8-1)(Phe30-Leu666), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe30-Leu666
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CDCP1 at 2ug/ml (100ul/Well). Dose response curve for Anti-CDCP1 Antibody, hFc Tag with the EC50 of 5.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 72.8 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CDCP1 CUB domain containing protein 1 [Homo sapiens]

Official Symbol CDCP1

Synonyms CDCP1; CUB domain containing protein 1; CUB domain-containing protein 1; CD318; SIMA135; membrane glycoprotein gp140; transmembrane and associated with src kinases; subtractive immunization M plus HEp3-associated 135 kDa protein; TRASK;

Gene ID 64866

mRNA Refseq NM_022842

Protein Refseq NP_073753

MIM 611735

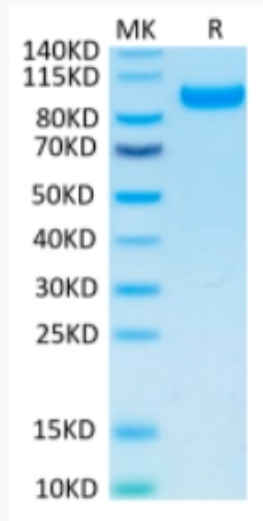
UniProt ID Q9H5V8

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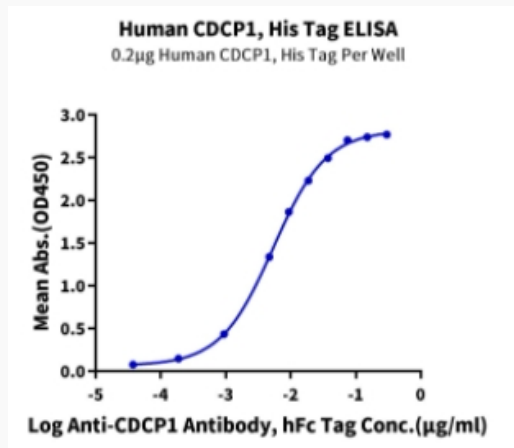
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Tris-Bis PAGE



ELISA Data



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