

Active Recombinant Human CDCP1 protein, hFc-tagged, Low Endotoxin

Cat. No. CDCP1-5745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDCP1 protein(Q9H5V8-1)(Phe30-Leu666), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-666 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CDCP1, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CDCP1 Antibody, hFc Tag with the EC50 of 23.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 98.4 kDa. Due to glycosylation, the protein migrates to 115-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

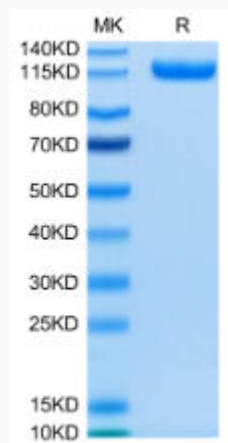
UniProt ID Q9H5V8

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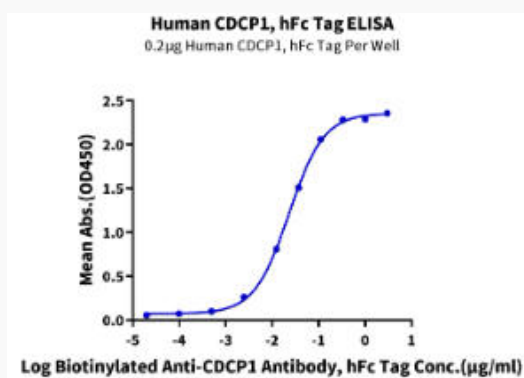
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Bis-Tris PAGE



ELISA Data



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