

# Active Recombinant Human SDC1 protein, Fc-Avi-tagged, Biotinylated

**Cat. No.** SDC1-0695H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human SDC1 protein(Gln23-Gly254), fused with Fc and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-254 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human Syndecan-1, Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin (0.5 µg/well) plate. can bind Anti-Syndecan-1 antibody, Mouse IgG1 with a linear range of 0.2-6 ng/mL. Immobilized Anti-Syndecan-1 antibody, Mouse IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human Syndecan-1, Fc,Avitag with a linear range of 0.5-8 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 52.0 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
<b>Proteinlength</b>	Gln23-Gly254

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<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	SDC1 syndecan 1 [ Homo sapiens ]
<b>Official Symbol</b>	SDC1
<b>Synonyms</b>	SDC1; syndecan 1; SDC; syndecan-1; CD138; SYND1; syndecan; syndecan proteoglycan 1; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor;
<b>Gene ID</b>	6382
<b>mRNA Refseq</b>	NM_001006946
<b>Protein Refseq</b>	NP_001006947
<b>MIM</b>	186355
<b>UniProt ID</b>	P18827

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