

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SDC1 protein(Gln23-Gly254), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-254 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Gln23-Gly254

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

GENE INFORMATION

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

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