

Active Recombinant Human SDC1 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. SDC1-1845H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SDC1 protein(AAH08765)(23-254 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-254 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized BBiotinylated Human Syndecan-1, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Syndecan-1 Antibody, hFc Tag with the EC50 of 16.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.8 kDa. Due to glycosylation, the protein migrates to 50-70 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

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 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 [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](#)

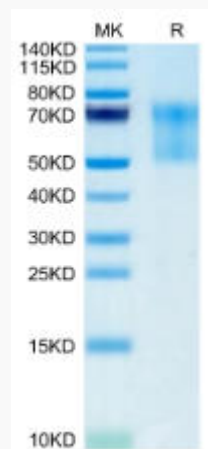
UniProt ID [P18827](#)

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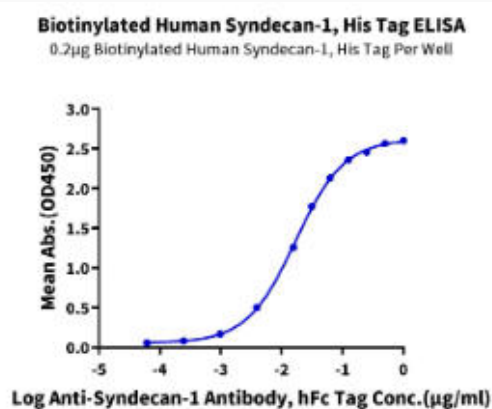
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Bis-Tris PAGE



ELISA Data



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