Recombinant Human SDC1 protein, hFc-tagged

Cat. No. SDC1-1296H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDC1 protein(AAH08765)(Gln23-Gly254), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln23-Gly254
Tag	C-hFc
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 Syndecan-1, hFc Tag at 1μg/ml (100μl/Well) on the plate. Dose response curve for Biotinylated Anti-Syndecan-1 Antibody, hFc Tag with the EC50 of 28.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.6 kDa. Due to glycosylation, the protein migrates to 70-100 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

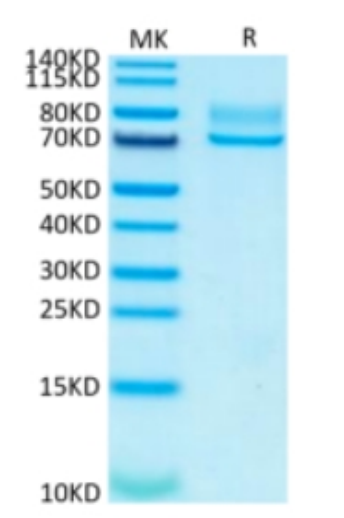
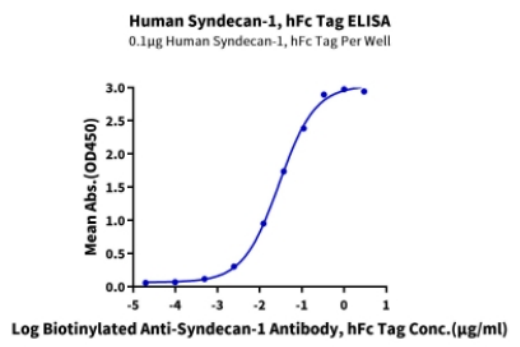
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	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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Tris-Bis PAGE	
ELISA Data	

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