

# Recombinant Full Length Human Syndecan-1(Sdc1) Protein, His-Tagged

**Cat. No.** RFL36021HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Syndecan-1(SDC1) Protein (P18827) (23-310aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Full Length of Mature Protein (23-310)                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | QIVATNLPPEDQDGSGDDSDNFSGSGAGALQDITLSQQTPSTWKDTQLLTAIPTSPE<br>PTGLEATAASTSTLPAGEGPKEGEAVVLPEVEPGLTAREQEATPRPRETTQLPTTHL<br>ASTTTATTAQEPATSHPHRDMQPGHHETSTPAGPSQADLHTPHTEDGGPSATERA<br>AEDGASSQLPAAEGSGEQDFTFETSGENTAVVAVEPDRRNQSPVDQGATGASQGL<br>LDRKEVLGGVIAGGLVGLIFAVCLVGFMLYRMKKKDEGSYSLEEPKQANGGAYQKP<br>TKQEEFYA Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request. |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

SDC1

**Synonyms**

CD\_antigen; CD138; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor; SDC; Sdc1; SDC1\_HUMAN; SYND1; Syndecan 1; Syndecan; syndecan proteoglycan 1; Syndecan-1

**UniProt ID**

[P18827](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA