

# Recombinant Human SDC1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08181

**Protein Name:** Syndecan Syndecan-Cd138 Antigen (SDC1)

**Aliases:** SDC; CD138; SYND1; syndecan; syndecan syndecan-CD138 antigen

**UniProt ID:** P18827

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P18827/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Extracellular Domain (23-254aa)

**Molecular Weight:** 39.9kDa

**Protein Tag:** N-terminal 6xHis-SUMO-tagged

## 2. Amino Acid Sequence (23-254aa)

QIVATNLPPEDQDGSDDSDNFSGSGAGALQDITLSQQTPSTWKDTQLLTAIPTSP  
EPTGLEATAASTSTLPAGEGPKEGEAVVLPEVEPGLTAREQEATPRPRETTQLPTT  
HLASTTTATTAQEPATSHPHRDMQPGHHETSTPAGPSQADLHTPHTEDGGPSATE  
RAAEDGASSQLPAAEGSGEQDFTFETSGENTAVVAVEPDRRNQSPVDQGATGAS  
QGLLDRKEVLG

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause



## 5. Product Description

This product is a recombinant Human SDC1 extracellular domain protein (23-254aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. SDC1, also known as SDC or CD138 or SYND1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.