

# Product Information

## MemDX™ Membrane Protein Human SDC2 (Syndecan 2) Full Length

Cat. No.: **MPC2429K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human SDC2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

SDC2

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MRRRAWILLTLGLVACVSAESRAELTSDKDMYLDNSSIEEASGVYPIDDD  
YASASGSGADEDVESPELTTSRPLPKILLTSAAPKVETTTLNQNKIPAQ  
TKSPEETDKEKVHLSDSERKMDPAEEDTNVYTEKHSDSLFKRTEVLA  
AGGVIGFLFAIFLILLVYRMRKKDEGSYDLGERKPSSAAYQKAPTKEY  
A

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

## Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

SDC2

### Full Name

Syndecan 2

### Introduction

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types.

### Alternative Names

SDC2; HSPG; CD362; HSPG1; SYND2; syndecan-2; cell surface-associated heparan sulfate proteoglycan 1; fibroglycan; heparan sulfate proteoglycan 1, cell surface-associated; heparan sulfate proteoglycan core protein; syndecan proteoglycan 2; Syndecan 2

### Gene ID

[6383](#)

### UniProt ID

[P34741](#)