

Product Information

MemDX™ Membrane Protein Human SDC2 (Syndecan 2) Expressed in NS0 for Antibody

Discovery, Partial (19-144aa)

Cat. No.: **MPX0397K**

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

This product is a 14.8 kDa Human SDC2 membrane protein expressed in NS0. 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

Partial (19-144aa)

Protein Class

Receptor

Molecular Weight

14.8 kDa

TMD

1

Sequence

ESRAELTSKDKMYLDNSSIEEASGVYPIDDDD
YASASGSGADEDVESPELTTSRPLPKILLTSAAPKVETTTLNQNKIPAQ
TKSPEETDKEKVHLSDSERKMDPAEEDTNVYTEKHSDSLFKRTE

Product Description

Activity

Yes

Expression Systems

NS0

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)