

Product Information

MemDX™ Membrane Protein Human SDC4 (Syndecan 4) for Antibody Discovery

Cat. No.: **MP0014Q**

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

This product is a 13.9 kDa Human SDC4 membrane protein expressed in E. coli. 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

SDC4

Protein Length

Partial

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

13.9 kDa

Sequence

MESIRETEVIDPQDLLEGRYFSGALPDDEDVVGPGQESDDFELSGSGDLDDLEDSMIGPEVVHPLVPLDNHUPERAGSGSQVPTEP

Product Description

Expression Systems

E. coli

Form

Powder

Purification

Conventional chromatography

Purity

>85% by SDS - PAGE

Buffer

20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

SDC4

Full Name

Syndecan 4

Introduction

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been found on chromosome 22.

Alternative Names

SYND4; syndecan-4; amphiglycan; ryudocan amphiglycan; ryudocan core protein; syndecan 4 (amphiglycan, ryudocan); syndecan proteoglycan 4

Gene ID

[6385](#)

UniProt ID

[B4E1S6](#)