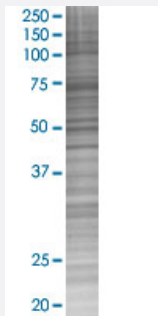


SDC2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006383-T03

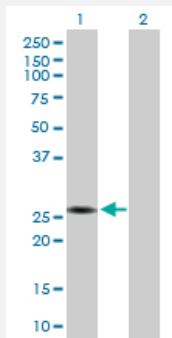
Size 100 uL

Applications



SDS-PAGE Gel

SDC2 transfected lysate.



Western Blot

Lane 1: SDC2 transfected lysate (20.24 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SDC2 full-length

Host Human

Theoretical MW (kDa) 20.24

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SDC2 antibody ([H00006383-B01](#)) by Western Blots.
SDS-PAGE Gel
SDC2 transfected lysate.
Western Blot
Lane 1: SDC2 transfected lysate (20.24 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SDC2

Entrez GeneID[6383](#)**GeneBank Accession#**[BC049836](#)**Protein Accession#**[AAH49836](#)**Gene Name**

SDC2

Gene Alias

HSPG, HSPG1, SYND2

Gene Description

syndecan 2

Omim ID[142460](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

cell surface-associated heparan sulfate proteoglycan 1|fibroglycan|heparan sulfate proteoglycan 1, cell surface-associated|heparan sulfate proteoglycan core protein|syndecan proteoglycan 2

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)

Disease

- [Albuminuria](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)