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32-9186: Recombinant Human Syndecan-1/SDC1 (C-His)

Alternative Name : Syndecan-1; SYND1; CD138; SDC1; SDC

Description

Source : Human 293 Cells;
Syndecan-1, also known as SDC1 and CD138, is a transmembrane heparan sulfate proteoglycan that belongs to the syndecan proteoglycan family. It is expressed mainly in epithelial cells, but its expression is developmentally regulated during embryonic development. Syndecan-1 has been found to regulate cell adhesion to several ECM molecules, and to play as a co-receptor for fibroblast growth factors, potent angiogenic growth factors involved in differentiation. The expression level of Syndecan-1 is reduced during malignant transformation of various epithelia, and this loss associates with the histological differentiation grade of squamous cell carcinomas, lacking from poorly differentiated tumors. Studies showed in squamous cell carcinomas of the head and neck, positive syndecan-1 expression correlates with a better prognosis.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Human Syndecan-1 is produced by our Mammalian expression system and the target gene encoding Gln23-Glu251 is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.