

32-13400: SDC2 Human

Alternative Name :

Syndecan 2, Heparan Sulfate Proteoglycan 1 Cell Surface-Associated, Heparan Sulfate Proteoglycan Core Protein, Syndecan Proteoglycan 2, Fibroglycan, HSPG1, SYND2, HSPG, Cell Surface-Associated Heparan Sulfate Proteoglycan 1, CD362 Antigen, Syndecan-2, CD362, SDC2.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Syndecan 2 (SDC2) is a conserved family of heparan- and chondroitin-sulfate carrying transmembrane protein. Syndecan 2 is a cell membrane proteoglycan which modulates the activity and dynamics of some growth factor receptors and integrins. SDC2 is expressed in HSCs (hepatic stellate cells), a key cell type involved in matrix deposition in liver fibrotic disorders. SDC2 is implicated in the formation of specialized membrane domains and serves as a direct link between the extracellular environment and the organization of the cortical cytoplasm.

SDC2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 135 amino acids (19-144a.a.) and having a molecular mass of 15kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). SDC2 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : SDC2 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADPESRAELT SDKMYLDNS SIEEASGVYP IDDDDYASAS GSGADEDVES PELTTSRPLP KILLTSAAPK VETTTLNIQN KIPAQTKSPE ETDKEKVHLS DSEKMDPAE EDTNVYTEKH SDSLFRTEH HHHHH.