9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SDC2 Human

Syndecan-2 Human Recombinant
RCP2008

Product Overview

Name	SDC2 Human
Description	
Syndecan-2 Human Recombinant	
Accession (Primary)	P34741
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
SDC2 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP ESRAELT SDKDMYLDNS SIEEASGVYP IDDDDYASAS GSGADEDVES PELTTSRPLP KILLTSAAPK VETTTLNIQN KIPAQTKSPE ETDKEKVHLS DSERKMDPAE EDTNVYTEKH SDSLFKRTE H HHHHH .	

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Precautions

SDC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P34741)