

Syndecan 4, 19-145aa, Human, E.coli

Cat.NO.: TP04109

3th Edition

Synonyms:SDC4, SYND4, syndecan 4, syndecan 4 (amphiglycan, ryudocan), amphiglycan, ryudocan, syndecan proteoglycan 4

Description:Syndecan 4 belongs to syndecan proteoglycan family (type I integral membrane proteoglycans) that are involved in cell-extracellular matrix adhesion and growth factor binding. This protein functions cooperatively with integrins in the processes of cell spreading and focal adhesion assembly. It is also a transmembrane protein specifically enriched in Schwann cell perinodal processes. Recombinant Syndecan 4 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Molecular Weight:13.9 kDa (128aa), confirmed by MALDI-TOF.

Sequences:

MESIRETEVIDPQDLLEGRYFSGALPDDEDVVGPGQESDDFELSGSGDLDDLEDSMIGPEVVHPLVPLDNHIPERA
GSGSQVPTEPKLEENEVIPKRISPVEESEDVSNKVSMSSTVQGSNIFERTE

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.