

Syndecan-4 Human Recombinant, His Tag

Item Number	rAP-4900
Synonyms	SDC4, SYND4, SYND-4, Amphiglycan, Ryudocan core protein, Syndecan-4.
Description	Syndecan-4 Human Recombinant fused with 6X His tag produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 140 amino acids and having a molecular mass of 15.4 kDa. The SDC4 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P31431
Amino Acid Sequence	MASIRETEVIDPQDLLEGARYFSGALPDDEDVVGPGQESDDFELSGSGDLDDLEDSDMIG- PEVVHPLVPLDNHUPERAGSGSQVPTPEPKKEENEVIPKRISPVEESEDVSNKVSMSTVQGSNIFERTEVL ALEHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized SDC4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SDC4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	The SDC4 (1 mg/ml) was lyophilized after extensive dialyses against 20mM PBS pH-7.4. Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized SDC4 in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**