

Syndecan-1 Human Recombinant

Item Number	rAP-4896
Synonyms	Heparan Sulfate proteoglycan fibroblast growth factor receptor, syndecan proteoglycan 1, Syndecan 1, SYND1, CD138 antigen, SDC.
Description	SDC1 Human Recombinant produced in E. coli is a single polypeptide chain containing 262 amino acids (18-254) and having a molecular mass of 27kDa (molecular size on SDS-PAGE will appear higher). SDC1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P18827
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMQPALP QIVATNLPPE DQDGS GDDSD NFSGSGAGAL QDITLSQQTP STWKDTQLLT APTSPEPTG LEATAASTST LPAGEGPKEG EAVVLPEVEP GLTARE- QEAT PRPRETTQLP TTHQASTTTA TTAQEPATSH PHRDMQPGHH ETSTPAGPSQ ADLHTPHTED GGPSATERAA EDGASSQLPA AEGSGEQDFT FETSGENTAV VAVEPDRRNQ SPVDQGATGA SQGLLDRKEV LG.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The SDC1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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**