



Human Syndecan-1 / CD138 (His-Tag)

Synonyms: Heparan Sulfate proteoglycan fibroblast growth factor receptor, syndecan proteoglycan 1, Syndecan 1, SYND1, CD138 antigen, SDC.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	4067.950.005		
20 µg	4067.950.020		
1 mg	4067.950.199		

Please enquire for bulk quantities and other vial sizes.

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.

- **Source** *E. coli*
- **Purity** ≥ 90 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The SDC1 solution (1 mg/1 ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10 % glycerol*
- **Physical State** Sterile filtered colorless solution

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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSHMQPALP QIVATNLPPE DQDGSDDSD NFSGSGAGAL QDITLSQQTP
 STWKDTQLLT AIPTSPEPTG LEATAASTST LPAGEGPKKEG EAVVLPEVEP GLTAREQEAT PRPRETTQLP
 TTHQASTTTA TTAQEPATSH PHRDMQPGHH ETSTPAGPSQ ADLHTPHTED GGPSATERAA EDGASSQLPA
 AEGSGEQDFT FETSGENTAV VAVEPDRRNQ SPVDQGATGA SQGLLDRKEV LG

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.