9051 Mira Mesa Blvd, #910094
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SDC1 Human

Syndecan-1 Human Recombinant
RCP2007

Product Overview

Name	SDC1 Human
Description	
Syndecan-1 Human Recombinant	
Accession (Primary)	P18827
Synonyms	
Heparan Sulfate proteoglycan fibroblast growth factor receptor, syndecan proteoglycan 1, Syndecan 1, SYND1, CD138 antigen, SDC.	
Introduction	
CD138 takes a part in cell adhesion. CD138 is expressed on the surface of pre-B cells and plasma cells but is absent from mature B cells. SDC1 is a selective marker for B cell lymphoblastic leukemia and lymphoplasmacytoid leukemia. SDC1 is missing from the apoptotic myeloma cells; therefore is a valuable marker for plasma cell and myeloma cells.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SDC1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl 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% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM QPALP QIVATNLPPE DQDGSGDDSD NFSGSGAGAL QDITLSQQTP STWKDTQLLT AIPTSPEPTG LEATAASTST LPAGEGPKEG EAVVLPEVEP GLTAREQEAT PRPRETTQLP TTHQASTTTA TTAQEPATSH PHRDMQPGHH ETSTPAGPSQ ADLHTPHTED GGPSATERAA EDGASSQLPA AEGSGEQDFT FETSGENTAV VAVEPDRRNQ SPVDQGATGA SQGLLDRKEV LG.	
Precautions	

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SDC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P18827)