

Recombinant Human SDC1 Protein

Cat. No. SDC1-2533H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDC1 Protein was expressed in E. coli.
Species	Human
Source	E.coli
Form	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.0.
Molecular Mass	The protein has a calculated MW of 23.9 kDa, containing 232 amino acids. The protein migrates as 40-50 kDa in SDS-PAGE under reducing condition.
AASequence	QIVATNLPPEDQDGS GDDSDNFSGSGAGALQDITLSQQTPSTWKDTQLLTAIPTSPE PTGLEATAASTSTLPAGEGPKEGEAVVLPEVEPGLTAREQEATPRPRETTQLPTTHL ASTTTATTAQEPATSHPHRDMQPGHHETSTPAGPSQADLHTPHTEDGGPSATERA AEDGASSQLPAAEGSGEQDFTFETSGENTAVVAVEPDRRNQSPVDQGATGASQGL LDRKEVLG
Endotoxin	Less than 0.1 EU/µg of rHuSyndecan-1/CD138 as determined by LAL method.
Purity	> 95 % by SDS-PAGE analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION**Gene Name** SDC1 syndecan 1 [Homo sapiens]**Official Symbol** SDC1**Synonyms** SDC1; syndecan 1; SDC; syndecan-1; CD138; SYND1; syndecan; syndecan proteoglycan 1; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor;**Gene ID** 6382**mRNA Refseq** NM_001006946**Protein Refseq** NP_001006947**MIM** 186355**UniProt ID** P18827 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA