

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	QIVATNLPPEDQDGSGDDSDNFSGSGAGALQDITLSQQTPSTWKDTQLLTAIPTSPE PTGLEATAASTSTLPAGEGPKERGEAVVLPEVEPGLTAREQEATPRPRETTQLPTTHL 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.

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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]
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Official Symbol	SDC1
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Synonyms	SDC1; syndecan 1; SDC; syndecan-1; CD138; SYND1; syndecan; syndecan proteoglycan 1; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor;
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Gene ID	6382
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mRNA Refseq	NM_001006946
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Protein Refseq	NP_001006947
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MIM	186355
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UniProt ID	P18827
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