

Recombinant Rat Sdc1 protein(Met1-Lys253), hFc-tagged

Cat. No. Sdc1-8784R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat SDC1 (P26260) (Met1-Lys253) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Lys253
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat SDC1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 472 amino acids and has a predicted molecular mass of 51.2 kDa. The apparent molecular mass of the protein is approximately 92 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Sdc1 syndecan 1 [Rattus norvegicus]
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Official Symbol	Sdc1
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Synonyms	SDC1; syndecan 1; syndecan-1; HSPG; Synd1; SYNDECA; Syndecan;
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Gene ID	25216
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mRNA Refseq	NM_013026
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Protein Refseq	NP_037158
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