

Recombinant Mouse Sdc1 protein(Met1-Glu252), His-tagged

Cat. No. Sdc1-4065M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SDC1 (NP_035649.1) (Met 1-Glu 252) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-252 a.a.
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 secreted recombinant mouse SDC1 comprises 246 amino acids and has a calculated molecular mass of 26 kDa. As a result of different glycosylation, the apparent molecular mass of rm SDC1 is approximately 45-60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % 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 \[Mus musculus \]](#)

Official Symbol [Sdc1](#)

Synonyms SDC1; syndecan 1; syndecan-1; synstatin; Sstn; Synd; CD138; Synd1; syn-1; AA408134; AA409076;

Gene ID [20969](#)

mRNA Refseq [NM_011519](#)

Protein Refseq [NP_035649](#)

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