

Recombinant Rat Sdc1 Protein, His-tagged

Cat. No. Sdc1-2047R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sdc1 Protein (Gln23-Gly257) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln23-Gly257
Description	Predicted to enable identical protein binding activity and protein C-terminus binding activity. Involved in several processes, including animal organ development; response to cAMP; and response to hydrogen peroxide. Part of protein-containing complex. Used to study familial hyperlipidemia. Biomarker of myocardial infarction; obesity; and proteinuria. Orthologous to human SDC1 (syndecan 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2 kDa Accurate Molecular Mass: 44 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Sdc1 syndecan 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Sdc1

Synonyms

SDC1; syndecan 1; syndecan-1; HSPG; Synd1; SYNDECA; Syndecan;

Gene ID

25216

mRNA Refseq

NM_013026

Protein Refseq

NP_037158

UniProt ID

P26260

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