

Recombinant Rat Srgn Protein, His&GST-tagged

Cat. No. Srgn-2104R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Srgn Protein (Arg76-Ile179) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Arg76-Ile179
Description	Enables collagen binding activity. Predicted to be involved in several processes, including granzyme-mediated programmed cell death signaling pathway; negative regulation of bone mineralization; and protein localization to secretory granule. Located in zymogen granule. Colocalizes with Golgi membrane. Orthologous to human SRGN (serglycin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.2 kDa Accurate Molecular Mass: 37 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

Srgn serglycin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Srgn

Synonyms

SRGN; serglycin; PG19 core protein; proteoglycan 10K core protein; proteoglycan peptide core protein; cytolytic granule proteoglycan core protein; secretory granule proteoglycan core protein; chondroitin sulfate proteoglycan core protein; Pgsg;

Gene ID

56782

mRNA Refseq

NM_020074

Protein Refseq

NP_064459

UniProt ID

P04917

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