

## Recombinant Rat Srgn Protein, His&GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Srgn Protein (Arg76-Ile179) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg76-Ile179
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 40.2 kDa Accurate Molecular Mass: 37 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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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