

## Recombinant Rat Pcsk9 protein, His & GST-tagged

Cat. No. Pcsk9-1156R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Pcsk9 aa. (Trp164~Phe428 fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Trp164~Phe428
<b>Description</b>	A soluble zymogen; involved in hepatic growth and differentiation.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	58kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>92%
<b>Characteristic</b>	The isoelectric point is 5.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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accelerated thermal degradation test, that is, incubate the protein at 37°C 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°C for one month. Aliquot and store at -80°C for 12 months.

**Concentration**

200µg/mL

**Storage buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

[Pcsk9 proprotein convertase subtilisin/kexin type 9 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Pcsk9](#)

**Synonyms**

Pcsk9; proprotein convertase subtilisin/kexin type 9; PC9; Narc1; NARC-1; neural apoptosis-regulated convertase 1; proprotein convertase 9; proprotein convertase PC9; subtilisin/kexin-like protease PC9

**Gene ID**

[298296](#)

**mRNA Refseq**

[NM\\_199253.2](#)

**Protein Refseq**

[NP\\_954862.2](#)

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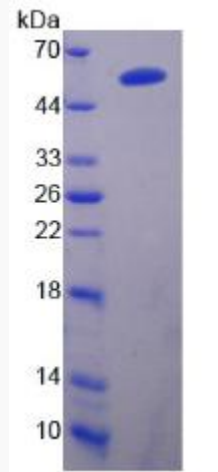
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UniProt ID

P59996

SDS-PAGE



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