Recombinant Rat Pcsk9 protein, His & GST-tagged

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

SPECIFICATION

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

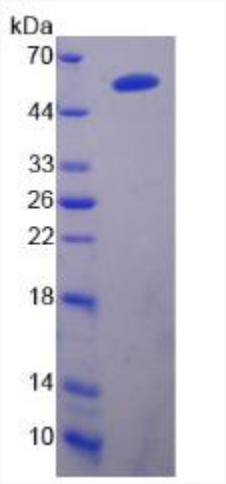
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	P59996
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA