Recombinant Mouse Pcsk1 protein, His & T7-tagged

Cat. No. Pcsk1-1157M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcsk1 aa. (Ile244~Gly530 (Accession # P63239) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile244~Gly530
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

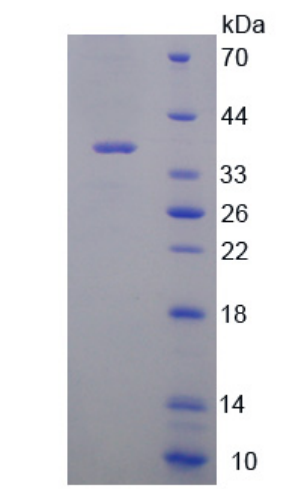
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Pcsk1 proprotein convertase subtilisin/kexin type 1 [Mus musculus (house mouse)]
Official Symbol	Pcsk1
Synonyms	Pcsk1; proprotein convertase subtilisin/kexin type 1; PC1; PC3; Nec1; SPC3; Nec-1; Phpp-1; neuroendocrine convertase 1; NEC 1; furin homolog; prohormone convertase 1; prohormone convertase 1/3; propeptide-processing protease; proprotein convertase 1
Gene ID	18548
mRNA Refseq	NM_013628.2
Protein Refseq	NP_038656.1
UniProt ID	P63239

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SDS-PAGE	 15% SDS-PAGE

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