

## Recombinant Human PCSK1 protein, His-tagged

**Cat. No.** PCSK1-6846H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PCSK1 protein(580-753 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 580-753 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.               |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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## AA Sequence

NEGRIVNWKILHGTSSQPEHMKQPRVYTSYNTVQNDRRGVEKMVDPGEEQPTQE  
NPKENTLVSKSPSSSSVGGRRDELEEGAPSEAMLRLLQSAFSKNSPPKQSPKKSPT  
AKLNIPYENFYEALEKLNKPSQLKDSSESLYNDYVDVVFYNTKPYKHRDDRLLQALVDI  
LNEEN

## GENE INFORMATION

## Gene Name

PCSK1 proprotein convertase subtilisin/kexin type 1 [ Homo sapiens ]

## Official Symbol

PCSK1

## Synonyms

PCSK1; proprotein convertase subtilisin/kexin type 1; NEC1; neuroendocrine  
convertase 1; PC1; PC3; prohormone convertase 1; prohormone convertase 3;  
proprotein convertase 1; SPC3; NEC 1; BMIQ12;

## Gene ID

5122

## mRNA Refseq

NM\_000439

## Protein Refseq

NP\_000430

## MIM

162150

## UniProt ID

P29120

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**SDS-PAGE**

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