

Recombinant Rat Pcsk1 protein, His-tagged

Cat. No. PCSK1-4305R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcsk1(111-752 aa) fused with His tag was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	111-752 aa
Form	Tris-based buffer,50% glycerol
AA Sequence	SVPRDSALNL FNDPMWNQQW YLQDTRMTAS LPKLDLHVIP VWQKGITGKG VVITVLDDGL EWNHTDIYAN YDPEASYDFN DNDHDPFPRY DPTNENKHGT RCAGEIAMQA NNHKCGVGVA YNSKVG GIRM LDGIVTDAIE ASSIGFNPGH VDIYSASWGP NDDGKTVEGP GR LAQKA FEY GVKQGRQGKG SIFVWASGNG GRQGDNCDCD GYTDSIYTIS ISSASQQGLS PWYAEKCSST LATSYS S GDY TDQRITSADL HNDCTETHTG TSASAPLAAG IFALALEANP NL TWRDMQHL VWVTSEYDPL ANNP GWKKN G AGLMVNSRFG FGLLNAKALV DLADPRTWRN VPEKKECIK DNNFEPRALK ANGEVIVEIP TRACEGQENA INSLEHVQFE ATIEYSRRGD LHVTLTSAAG TSTVLLAERE RDTSPNGFKN WDFMSVHTWG ENPVGTWTLK VTDMSGRMQN EGRIVNWKLI LHGTSSQPEH MKQPRVYTSY NTVQNDRRGV EKMVN VVEEK PTQNSLNGNL LVPKNSSSSS VEDRRDEQVQ GAPSKAMLRL LQSAFSKNTP SKQSSKIPSA KLSVPYEGLY EALEKLNKPS QLEDS EDSLY SDYVDVFYNT KPYKHRDDRL LQALMDILNE KN
Purity	>90% (SDS-PAGE)

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Storage

Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

GENE INFORMATION
Gene Name

[Pcsk1 proprotein convertase subtilisin/kexin type 1 \[Rattus norvegicus \]](#)

Official Symbol

[Pcsk1](#)

Synonyms

PCSK1; proprotein convertase subtilisin/kexin type 1; neuroendocrine convertase 1; NEC 1; prohormone convertase 1; prohormone convertase 3; proprotein convertase 1; Protein convertase subtilisin / kexin type I; Protein convertase subtilisin / kexin, type I; BDP; PC1; PC3;

Gene ID

[25204](#)

mRNA Refseq

[NM_017091](#)

Protein Refseq

[NP_058787](#)

MIM
UniProt ID

[P28840](#)

Chromosome Location

2q11-q12

Pathway

Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolism,

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organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;

Function

chaperone binding; endopeptidase activity; endopeptidase activity; endopeptidase activity; insulin binding; peptidase activity; protein complex binding; serine-type endopeptidase activity; serine-type endopeptidase activity;

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