



Recombinant Mouse Proprotein convertase subtilisin/kexin type 9 (Pcsk9)

Product Code	CSB-EP017647MO-B
Abbreviation	Pcsk9
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q80W65
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SIPWN LERIIPAWHQ TEEDRSPDGS SQVEVYLLDT SIQGAHREIE GRVTITDFNS VPEEDGTRFH RQASKCDSHG THLAGVVSGR DAGVAKGTSL HSLRVLNCQG KGTVSGTLIG LEFIRKSQLI QPSGPLVLL PLAGGYSRIL NAACRHLART GVVLVAAAGN FRDDACLYSP ASAPEVITVG ATNAQDQPVT LGTGTFNFR CVDLFAPGKD IIGASSDCST CFMSQSGTSQ AAAHVAGIVA RMLSREPTLT LAELRQRLIH FSTKDVINMA WFPEDQQVLT PNLVATLPPS THETGGQLLC RTVWSAHSGP TRTATATARC APEEELLSCS SFSRSGRRRG DWIEAIGGQQ VCKALNAFGG EGVYAVARCC LVPRANCSIH NTPAARAGLE THVHCHQKDH VLTGCSFHWE VEDLSVRRQP ALRSRRQPGQ CVGHQAASVY ASCCHAPGLE CKIKEHGISG PSEQVTVACE AGWTLTGCVN LPGASLTLGA YSVDNLCVAR VHDTARADRT SGEATVAAAI CCRSRPSAKA SWVQ
Source	E.coli
Target Names	Pcsk9
Protein Names	Recommended name: Proprotein convertase subtilisin/kexin type 9 EC= 3.4.21.- Alternative name(s): Neural apoptosis-regulated convertase 1 Short name= NARC-1 Proprotein convertase 9 Short name= PC9 Subtilisin/kexin-like
Expression Region	156-694
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. The encoded protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. This protein plays a role in cholesterol homeostasis and may have a role in the



differentiation of cortical neurons. Mutations in this gene have been associated with a third form of autosomal dominant familial hypercholesterolemia (HCHOLA3).

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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