

Recombinant Mouse Pcsk9 Protein (Gln35-Gln155, Ser156-Gln692), C-His tagged

Cat. No. Pcsk9-6765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant mouse PCSK9 (Gln35-Gln155&Ser156-Gln692) fused with the C-terminal His tag was expressed in mammalian cells.

Species

Mouse

Source

Mammalian Cells

ProteinLength

Gln35-Gln155, Ser156-Gln692

Description

Enables apolipoprotein binding activity; lipoprotein particle binding activity; and low-density lipoprotein particle receptor binding activity. Involved in several processes, including cellular response to insulin stimulus; cellular response to starvation; and regulation of neuron apoptotic process. Acts upstream of or within several processes, including low-density lipoprotein receptor particle metabolic process; regulation of low-density lipoprotein particle receptor catabolic process; and triglyceride metabolic process. Located in COPII-coated ER to Golgi transport vesicle; endoplasmic reticulum; and extracellular space. Is expressed in several structures, including alimentary system; cerebellum; genitourinary system; liver; and telencephalon. Human ortholog (s) of this gene implicated in familial hypercholesterolemia and hypobetalipoproteinemia. Orthologous to human PCSK9 (proprotein convertase subtilisin/kexin type 9).

Form

Lyophilized powder/frozen liquid

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Molecular Mass	72.38 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Pcsk9 proprotein convertase subtilisin/kexin type 9 [Mus musculus (house mouse)]
Official Symbol	Pcsk9
Synonyms	PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1; NARC-1; HCHOLA3;
Gene ID	100102
mRNA Refseq	NM_153565
Protein Refseq	NP_705793

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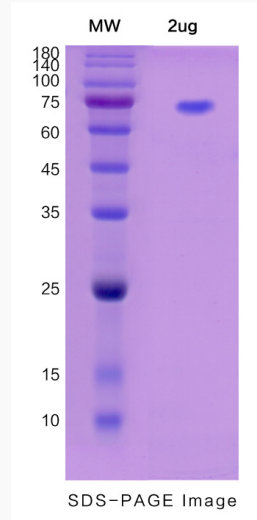
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UniProt ID

Q80W65

SDS-PAGE



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