Active Recombinant Mouse Pcsk9 Protein, His-Avi-tagged, Biotinylated

Cat. No. Pcsk9-209M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Mouse PCSK9 is expressed from HEK293 cells. It contains AA Gln 35 - Gln 694 (Accession # AAH38085.1). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	35-694 a.a.
Predicted N Terminal	Gln 35
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Mouse LDL R, His Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Mouse PCSK9, His Tag with a linear range of 2-16 ug/mL.
Molecular Mass	The protein has a calculated MW of 74.9 kDa. The protein migrates as 20 kDa and 65 kDa on a SDS-PAGE gel under reducing condition due to glycosylation and proteolytic digestion.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	For long term storage, the product should be stored at lyophilized state at -20ºC or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8ºC for 12 months in lyophilized state; -70ºC for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Pcsk9 proprotein convertase subtilisin/kexin type 9 [Mus musculus]
Official Symbol	Pcsk9
Synonyms	PCSK9; proprotein convertase subtilisin/kexin type 9; NARC-1; convertase subtilisin; proprotein convertase 9; proprotein convertase PC9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; neural apoptosis-regulated convertase 1; FH3; PC9; Narc1; HCHOLA3; AI415265; AI747682; MGC47409;
Gene ID	100102
mRNA Refseq	NM_153565
Protein Refseq	NP_705793

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