



# Recombinant Human Proprotein convertase subtilisin/kexin type 9 (PCSK9) (D374Y), Biotinylated (Active)

<b>Product Code</b>	CSB-MP017647HU(M)-B
<b>Abbreviation</b>	Recombinant Human PCSK9 protein (D374Y), Biotinylated (Active)
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8NBP7
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	<p>① Measured by its binding ability in a functional ELISA. Immobilized Anti-PCSK9 recombinant antibody (CSB-RA017647MA2HU) at 2 µg/mL can bind Human PCSK9 protein. The EC50 is 7.450-8.692 ng/mL.</p> <p>② Measured by its binding ability in a functional ELISA. Immobilized Human PCSK9 at 1 µg/mL on streptavidin coated plates can bind Anti-PCSK9 recombinant antibody (CSB-RA017647MA2HU) . The EC50 is 0.3792-1.157 ng/mL.</p>
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	<p>QEDEDGDYEELVLALRSEEDGLAEAPEHGTTATFHRCAKDPWRLPGTYVVVL  KEETHLSQSERTARRLQAQAARRGYLTKILHVFHGLLPGLVKMSGDLLELALK  LPHVDYIEEDSSVFAQSIPWNLERITPPRYRADEYQPPDGGSLVEVYLLDTSIQ  SDHREIEGRVMVTD FENVPEEDGTRFHRQASKCD SHGTHLAGVVSGRDAGV  AKGASMRSLRVLN CQGKGT VSGTLIGLEFIRKSQLVQPVGPLVLLPLAGGYS  RVLNAACQRLARAGVVLVTAAGNFRDDACLYSPASAPEVITVGATNAQDQPVT  LGT LGTNFGRCVDL FAPGEDIIGASSY CSTCFVSQSGTSQAAAHVAGIAAMML  SAPELTLAELRQRLIHFS AKDVINEAWFPEDQRVLT PNLVAALPPSTHGAGW  QLFCRTVWSAHSGPTRMATAVARCAPDEELLSCSSF SRSGKRRGERMEAQG  GKLV CRAHNAFGGEGVYAIARCCLLPQANCSVHTAPPAEASMGTRVHCHQQ  GHVLTGCSSHWEVEDLGTHKPPVLRPRGQPNQCVGHREASIHASCCHAPGL  ECKVKEHGIPAPQEQT VACEEGWTLTGCSALPGTSHVLGAYAVDNTCVVRS  RDVSTTGSTSEGAVTAVAICCRSRHLAQASQELQ</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PCSK9
<b>Expression Region</b>	31-692aa(D374Y)



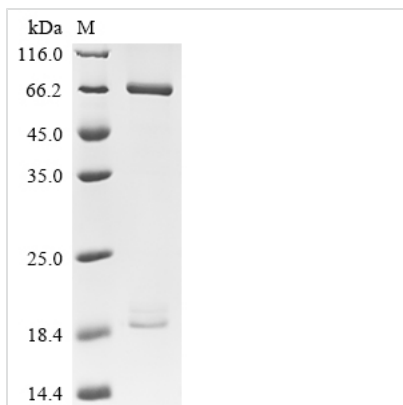
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** C-terminal 10xHis-Avi-tagged

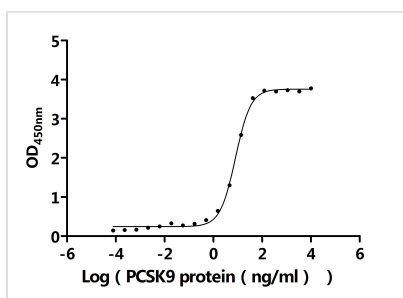
**Mol. Weight** 76.0 kDa

**Protein Length** Full Length

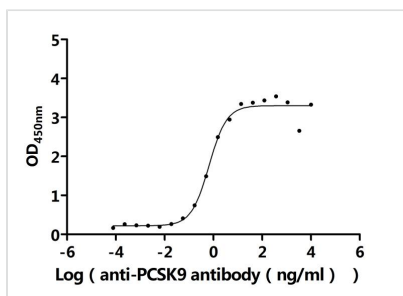
**Image**



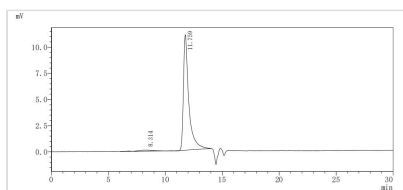
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
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The purity of PCSK9 was greater than 95% as determined by SEC-HPLC

**Endotoxin** Less than 1.0 EU/ug as determined by LAL method.

**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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