

## Recombinant Human PCSK9 Protein (Gln31-Gln152, Ser153-Gln692), C-AVI tagged, Biotinylated

Cat. No. PCSK9-3808H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated recombinant human PCSK9 (Gln31-Gln152, Ser153-Gln692) fused with the C-terminal AVI tag was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Gln31-Gln152, Ser153-Gln692
<b>Description</b>	<p>This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.</p>
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	72.82 kDa

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<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Supplied as solution form in PBS or lyophilized from PBS.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	PCSK9 proprotein convertase subtilisin/kexin type 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PCSK9
<b>Synonyms</b>	PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1; NARC-1; HCHOLA3;
<b>Gene ID</b>	255738
<b>mRNA Refseq</b>	NM_174936
<b>Protein Refseq</b>	NP_777596

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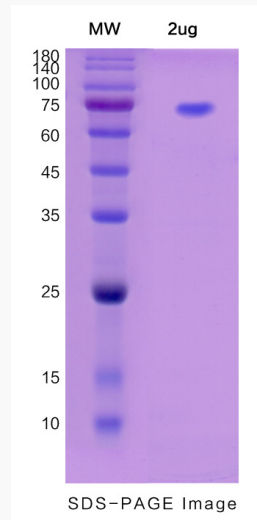
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MIM 607786

UniProt ID Q8NBP7

SDS-PAGE



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