

# Recombinant Human PCSK9 protein (Val474Ile, Gly670Glu), His-tagged, Biotinylated

Cat. No. PCSK9-185HB Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human PCSK9 protein (NP_777596.2, natural mutation Val 474 Ile and Gly 670 Glu) (Met 1-Gln 692), fused with a C-terminal polyhistidine tag, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-692 a.a.
<b>Predicted N Terminal</b>	Gln 32
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant PCSK9 consists of 662 amino acids and predicts a molecular mass of 71.1 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

PCSK9 proprotein convertase subtilisin/kexin type 9 [ Homo sapiens ]

**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**

353175

**Protein Refseq**

NP\_777596.2

**MIM**

607786

**UniProt ID**

Q8NBP7

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