

# Recombinant Human PCSK9 Protein

Catalog No.: RP01148 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	255738	Q8NBP7

### Tags

C-His

### Synonyms

FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9; PCSK9; FH3; proprotein convertase subtilisin/kexin type 9; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9

## Product Information

Source	Purification
HEK293 cells	> 92% by SDS-PAGE.

Calculated MW	Observed MW
71.89 kDa	66 kDa, 19 kDa

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Human PCSK9 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln31-Gln692) of human PCSK9 (Accession #NP\_777596.2) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human LDLR at 5μg/mL (100 μL/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.

#### Storage

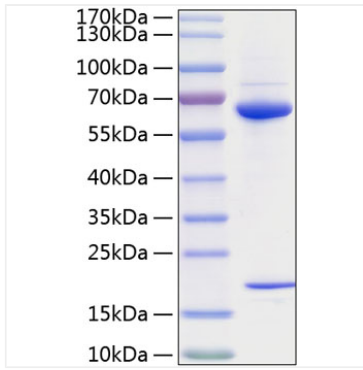
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

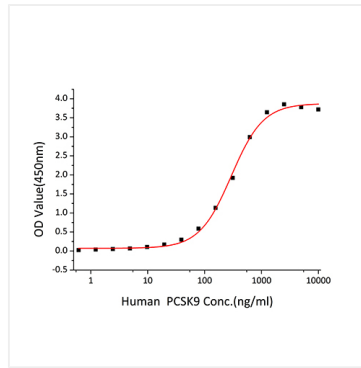
Avoid repeated freeze/thaw cycles.

## Validation Data

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Active Recombinant Human PCSK9 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 66 kDa and 19 kDa.



Immobilized Human LDLR at 5 $\mu$ g/mL (100  $\mu$ L/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.