

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.

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 freeze-thaw cycles.

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 5 μg/mL (100 μL/well) can bind Human PCSK9 with a linear range of 0.5-294.7 ng/mL.

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.
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.

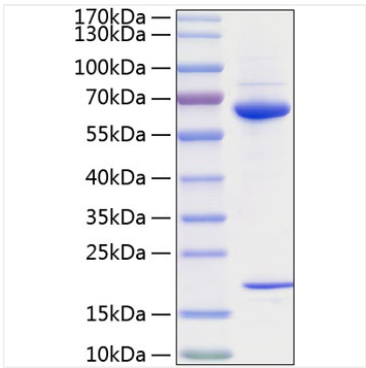
Contact

 | 400-999-6126

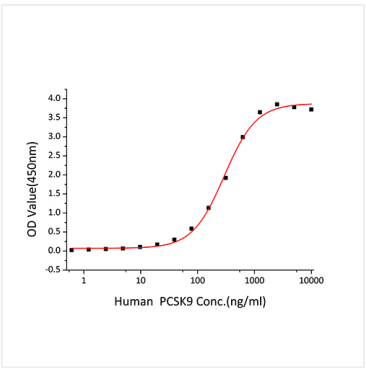
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Validation Data



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 5µg/mL (100 µL/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.