

Catalog No.: RP01148 **Recombinant** **1 Publications**

Background

Species	Gene ID	Swiss Prot
Human	255738	O8NBP7

C-His

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

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE

Calculated MW	Observed MW
71.89 kDa	66 kDa, 19 kDa

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

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

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.

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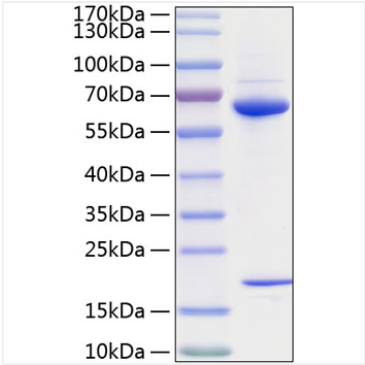
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Recombinant Human PCSK9 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln31-Gln692) of human PCSK9 (Accession #NP_777596.2) fused with a 6×His tag at the C-terminus.

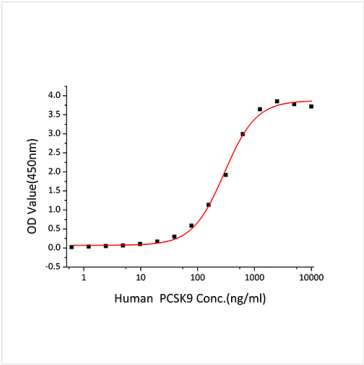
Measured by its binding ability in a functional ELISA. Immobilized Human LDLR at 5µg/mL (100 µL/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.

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



Recombinant Human PCSK9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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