Recombinant Mouse PCSK9 Protein

Catalog No.: RP01200

Sequence Information

Species
Mouse

Gene ID
100102

Swiss Prot
Q80W65

Tags
C-His

Synonyms
PCSK9,FH3,HCHOLA3,LDLCQ1, NARC1,PC9,PCSK9

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.

Calculated MW
72.03 kDa

Observed MW
17 kDa, 65 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Mouse PCSK9 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln35-Gln694) of mouse PCSK9 (Accession #NP_705793.1) fused with a 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human LDLR at 3 μg/mL (100 μL/well) can bind Recombinant Mouse PCSK9 with a linear range of 0.2-0.6 μg/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

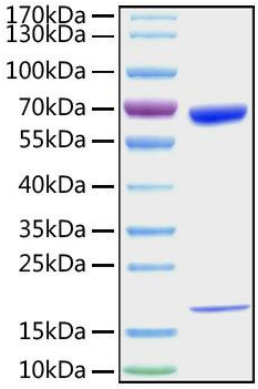
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

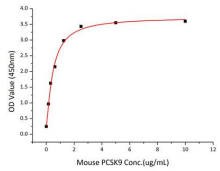
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

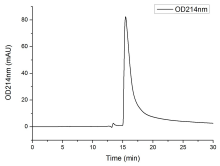
Validation Data



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



Immobilized Recombinant Human LDLR at 3μg/mL (100 μL/well) can bind Recombinant Mouse PCSK9 with a linear range of 0.2-0.8 μg/mL.



The purity of Mouse PCSK9 Protein (Cat.RP01200) was greater than 95% as determined by SEC-HPLC.