

RP02430B

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Biotinylated Recombinant Human Low-density lipoprotein receptor/LDLR Protein

Catalog No.: RP02430B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	3949	P01130

Tags

C-His&Avi

Synonyms

LDLR; FH; FHC; LDLCQ2; low-density lipoprotein receptor;FH;FHC;LDLCQ2

Product Information

Source

Centrifuge the tube 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.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Background

The low density lipoprotein receptor (LDLR) is the founding member of the LDL R family of widely expressed cell surface scavenger receptors. It is a cell-surface receptor that recognizes the apoprotein B100 which is embedded in the phospholipid outer layer of LDL particles.

Basic Information

Description

Biotinylated Recombinant Human Low-density lipoprotein receptor/LDLR Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala22-Arg788) of Human LDLR fused with a His tag and Avi tag at the C-terminal.

Bio-Activity

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

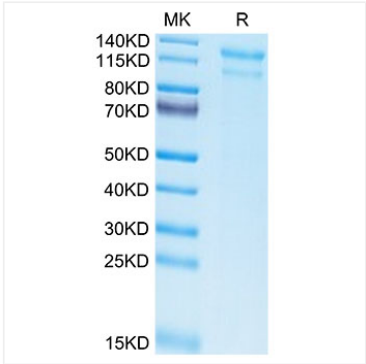
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Contact

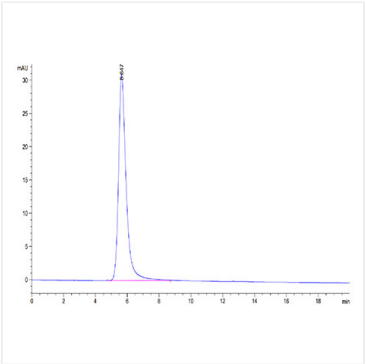


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Validation Data



Biotinylated Recombinant Human Low-density lipoprotein receptor/LDLR Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.



The purity of Biotinylated Human LDLR is greater than 95% as determined by SEC-HPLC.