

Recombinant Cynomolgus LDLR Protein

Catalog No.: RP02647

Sequence Information

Species **Gene ID**
Cynomolgus 102127361

Swiss Prot **Tags**
XP_005588053.1 C-His

Synonyms

LDLR; FHC; LDL R; LDL receptor;
LDLCQ2; FH

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

86 kDa 115-130 kDa

Endotoxin

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

Formulation

Reconstitution

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.

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

Recombinant Cynomolgus LDLR Protein is expressed from Expi293 with His tag at the C-terminal.; It contains Ala22-Gly788.

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.

Storage

Store at -20°C

Operational Notes

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

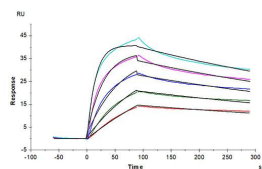
Contact

☎ | 400-999-6126

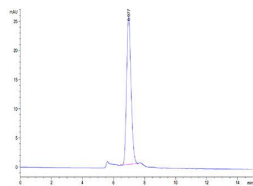
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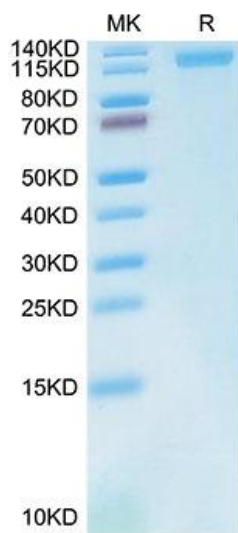
Validation Data



Cynomolgus LDLR, His Tag immobilized on CM5 Chip can bind Cynomolgus PCSK9, His Tag with an affinity constant of 0.27 nM as determined in SPR assay (Biacore T200).



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



Recombinant Cynomolgus LDLR Protein was determined by Tris-Bis PAGE under reducing conditions.