

Native Human Lipoprotein

Cat. No. LDLR-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Plasma
Description	In a normal fasting individual, low density lipoprotein concentrations range from 2.0 - 3.5 g/L. LDL constitutes 50% of the total lipoprotein mass in plasma and is the major carrier of cholesterol and cholesteryl esters. LDL levels strongly correlate with coronary heart disease.
Form	Liquid
Molecular Mass	2,300.0 kDa
Purity	Purity by SDS-PAGE: ≥95%; Purity by HPLC: ≥95%
Usage	For Research Use Only! Not For Use in Humans.
Notes	Centrifuge the vial prior to opening
Storage	4°C
Storage Buffer	250 µl liquid in 150 mM NaCl, pH 7.4, and 0.01% EDTA

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Gel pack

GENE INFORMATION

Gene Name

LDLR low density lipoprotein receptor [Homo sapiens]

Official Symbol

LDLR

Synonyms

LDLR; low density lipoprotein receptor; low-density lipoprotein receptor; familial hypercholesterolemia; LDL receptor; low-density lipoprotein receptor class A domain-containing protein 3; FH; FHC; LDLCQ2;

Gene ID

3949

mRNA Refseq

NM_000527

Protein Refseq

NP_000518

MIM

606945

UniProt ID

P01130

**Chromosome
Location**

19p13.2

Pathway

Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Hepatitis C, organism-specific biosystem;

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Function

calcium ion binding; glycoprotein binding; low-density lipoprotein receptor activity; protein binding; receptor activity; very-low-density lipoprotein particle receptor activity;

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