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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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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