

## Native Human Lipoprotein

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	2,300.0 kDa
<b>Purity</b>	Purity by SDS-PAGE: ≥95%; Purity by HPLC: ≥95%
<b>Usage</b>	For Research Use Only! Not For Use in Humans.
<b>Notes</b>	Centrifuge the vial prior to opening
<b>Storage</b>	4°C
<b>Storage Buffer</b>	250 µl liquid in 150 mM NaCl, pH 7.4, and 0.01% EDTA
<b>Shipping</b>	Gel pack

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## GENE INFORMATION

<b>Gene Name</b>	LDLR low density lipoprotein receptor [ Homo sapiens ]
<b>Official Symbol</b>	LDLR
<b>Synonyms</b>	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;
<b>Gene ID</b>	3949
<b>mRNA Refseq</b>	NM_000527
<b>Protein Refseq</b>	NP_000518
<b>MIM</b>	606945
<b>UniProt ID</b>	P01130
<b>Chromosome Location</b>	19p13.2
<b>Pathway</b>	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;
<b>Function</b>	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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