

Recombinant Human Very Low Density lipoprotein Receptor, His-tagged

Cat. No. VLDLR-4765H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human VLDLR comprises 781 amino acids with a predicted molecular mass of 86kDa. It migrates with the apparent molecular weight of 150 & 180kDa due to different glycosylation in SDS-PAGE under reducing conditions.
Species	Human
Source	HEK293
Description	The very-low-density-lipoprotein receptor (VLDL-R) is a lipoprotein receptor that shows considerable similarity to the low-density-lipoprotein receptor. VLDL R is a 130 kDa type I transmembrane protein in the LDL receptor family that plays a significant role in lipid metabolism and in nervous system development and function .This receptor has been suggested to be important for the metabolism of apoprotein-E-containing triacylglycerol-rich lipoproteins, such as very-low-density-lipoprotein (VLDL), beta-migrating VLDL and intermediate-density lipoprotein.
Form	Bulk protein in a 0.22 µm filtered solution of PBS, pH7.4 and delivered as liquid formulation or lyophilized powder. Normally 5-8% trehalose and mannitol are added as protectants before lyophilization.
Purity	>95% as determined by SDS-PAGE. All lots are greater than 95% pure.
Endotoxin	Less than 1.0 EU per 1 µg of the rhLIF by the LAL method.

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Storage Store at -80°C upon received. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name VLDLR very low density lipoprotein receptor [Homo sapiens]

Official Symbol VLDLR

Synonyms VLDLR; very low density lipoprotein receptor; CHRMQ1; VLDLRCH; FLJ35024; VLDL-R; VLDL receptor; Very low-density lipoprotein receptor; OTTHUMP00000020983; OTTHUMP00000020982

Gene ID 7436

mRNA Refseq NM_001018056

Protein Refseq NP_001018066

MIM 192977

UniProt ID P98155

Chromosome Location 9p24

Function very-low-density lipoprotein receptor activity; low-density lipoprotein receptor activity; apolipoprotein binding; calcium ion binding; receptor activity

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