

Active Recombinant Human LDLR protein, His-Avi-tagged, Low Endotoxin

Cat. No. LDLR-1286H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDLR protein(P01130-1)(22-788 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-788 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human LDLR, His Tag immobilized on CM5 Chip can bind Human PCSK9, His Tag with an affinity constant of 0.35 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 87.6 kDa, Due to glycosylation, the protein migrates to 110-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

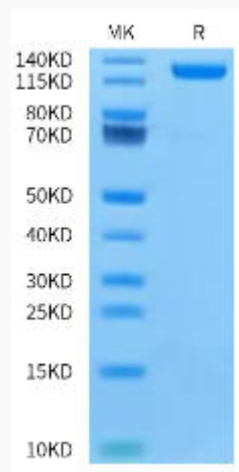
UniProt ID [P01130](#)

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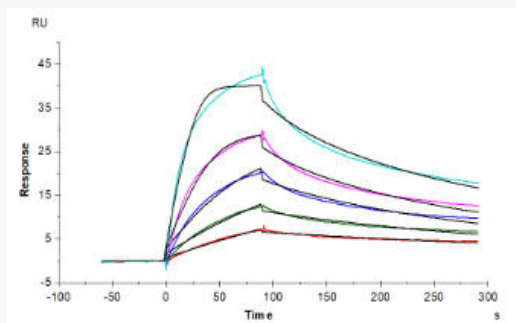
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Bis-Tris PAGE



SPR Data



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