Active Recombinant Human VLDLR protein, His-tagged

Cat. No. VLDLR-893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VLDLR protein(Gly 28 - Ser 769), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly 28 - Ser 769
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human VLDL R, His Tag at 5 μg/mL (100 μL/well) can bind Biotinylated Human PCSK9, His Tag with a linear range of 10-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 84.0 kDa. The protein migrates as 90-110 kDa under reducing (R) condition (SDS-PAGE) due to different glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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	conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VLDLR very low density lipoprotein receptor [Homo sapiens]
Official Symbol	VLDLR
Synonyms	VLDLR; very low density lipoprotein receptor; very low-density lipoprotein receptor; VLDL-R; VLDL receptor; CARMQ1; CHRMQ1; VLDLRCH; FLJ35024;
Gene ID	7436
mRNA Refseq	NM_001018056
Protein Refseq	NP_001018066
MIM	192977
UniProt ID	P98155

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