

## Recombinant Human VLDLR protein, His-tagged

**Cat. No.** VLDLR-892H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VLDLR protein(P98155-1)(Gly28-Ser797), fused with C-terminal His tag, was expressed in HEK293.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                      |
| <b>ProteinLength</b>    | Gly28-Ser797                                                                                                                                                                |
| <b>Tag</b>              | C-His                                                                                                                                                                       |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                       |
| <b>Bio-activity</b>     | Human VLDLR, His Tag immobilized on CM5 Chip can bind Human PCSK9, His Tag with an affinity constant of 0.72 nM as determined in SPR assay (Biacore T200).                  |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 85.9 kDa. Due to glycosylation, the protein migrates to 115-125 kDa based on Tris-Bis PAGE result.                                        |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                            |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze- |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

thaw cycles.

**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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA