

**VLDLR Blocking Peptide (C-Term)**

Synthetic peptide

Catalog # BP21837b

**Specification****VLDLR Blocking Peptide (C-Term) - Product Information**Primary Accession [P98155](#)**VLDLR Blocking Peptide (C-Term) - Additional Information**

Gene ID 7436

**Other Names**

Very low-density lipoprotein receptor, VLDL receptor, VLDL-R, VLDLR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 628-642 of HUMAN VLDLR

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**VLDLR Blocking Peptide (C-Term) - Protein Information**

Name VLDLR

**Function**

Binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. Binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation (By

**VLDLR Blocking Peptide (C-Term) - Background**

Binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. Binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation (By similarity).

**VLDLR Blocking Peptide (C-Term) - References**

Gafvels M.E., et al. Somat. Cell Mol. Genet. 19:557-569(1993).  
Webb J.C., et al. Hum. Mol. Genet. 3:531-537(1994).  
Sakai J., et al. J. Biol. Chem. 269:2173-2182(1994).  
Oka K., et al. Genomics 20:298-300(1994).  
Humphray S.J., et al. Nature 429:369-374(2004).

similarity).

**Cellular Location**

Membrane; Single-pass type I membrane protein. Membrane, clathrin-coated pit; Single-pass type I membrane protein

**Tissue Location**

Abundant in heart and skeletal muscle; also ovary and kidney; not in liver

**VLDLR Blocking Peptide (C-Term) -  
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)