



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

Synthetic peptide Catalog # BP21837b

#### **Specification**

VLDLR Blocking Peptide (C-Term) - Product Information

Primary Accession <u>P98155</u>

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**

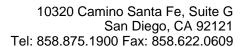
Binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. Binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation (By

# 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