

**INSRR Blocking Peptide(Center)**  
**Synthetic peptide**  
**Catalog # BP19813c****Specification**

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**INSRR Blocking Peptide(Center) - Product Information**

Primary Accession [P14616](#)  
Other Accession [NP\\_055030.1](#)

**INSRR Blocking Peptide(Center) - Additional Information**

**Gene ID** 3645

**Other Names**

Insulin receptor-related protein, IRR, IR-related receptor, Insulin receptor-related protein alpha chain, Insulin receptor-related protein beta chain, INSRR, IRR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 759-773 of HUMAN INSRR

**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.

**INSRR Blocking Peptide(Center) - Protein Information**

**Name** INSRR

**Synonyms** IRR

**Function**

Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**INSRR Blocking Peptide(Center) - Protocols**

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

- [Blocking Peptides](#)

#### **INSRR Blocking Peptide(Center) - Images**

#### **INSRR Blocking Peptide(Center) - Background**

This receptor probably binds an insulin related protein and has a tyrosine-protein kinase activity. It phosphorylates the insulin receptor substrates IRS-1 and IRS-2.

#### **INSRR Blocking Peptide(Center) - References**

Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008)  
Dissen, G.A., et al. Endocrinology 147(1):155-165(2006)  
Klammt, J., et al. Biochem. Biophys. Res. Commun. 327(2):557-564(2005)  
Weber, A., et al. Clin. Cancer Res. 9(15):5683-5692(2003)  
Whitmore, T.E., et al. Cytogenet. Cell Genet. 87 (1-2), 93-94 (1999) :