

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

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) :