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INSRR Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20928a

Specification

INSRR Blocking Peptide (Center) - Product Information

Primary Accession P14616

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 668-682 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

INSRR Blocking Peptide (Center) - Background

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.

INSRR Blocking Peptide (Center) - References

Haenze J.,et al.Horm. Metab. Res. 31:77-79(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Shier P.,et al.J. Biol. Chem. 264:14605-14608(1989).
Greenman C.,et al.Nature 446:153-158(2007).

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