

**Mouse Insrr Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20858c****Specification****Mouse Insrr Blocking Peptide (C-term) - Product Information**

Primary Accession [Q9WTL4](#)  
Other Accession [Q64716](#)

**Mouse Insrr Blocking Peptide (C-term) - Additional Information**

**Gene ID** 23920

**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 1275-1289 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.

**Mouse Insrr Blocking Peptide (C-term) - Protein Information**

**Name** Insrr

**Synonyms** Irr

**Function**

Receptor with tyrosine-protein kinase

**Mouse Insrr Blocking Peptide (C-term) - 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.

**Mouse Insrr Blocking Peptide (C-term) - References**

Hirayama I., et al. Diabetes  
48:1237-1244(1999).  
Mural R.J., et al. Submitted (JUL-2005) to the  
EMBL/GenBank/DDBJ databases.  
Kitamura T., et al. Mol. Cell. Biol.  
21:5624-5630(2001).  
Deyev I.E., et al. Cell Metab. 13:679-689(2011).

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

**Tissue Location**

Highly expressed in the islets as well as in pancreatic beta-cells.

**Mouse Insrr Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)