



# IRS1 blocking peptide (CDBP5608)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Antigen Description** This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009]

**Conjugate** Unconjugated

**Applications** Used as a blocking peptide in immunoblotting applications.

**Format** Liquid

**Concentration** 200 µg/mL

**Size** 0.05 mg

**Preservative** None

**Storage** -20°C

## GENE INFORMATION

**Gene Name** [IRS1 insulin receptor substrate 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** IRS1

**Synonyms** IRS1; insulin receptor substrate 1; HIRS-1; IRS-1

**Entrez Gene ID** [3667](#)

**mRNA Refseq** [NM\\_005544](#)

**Protein Refseq** [NP\\_005535](#)

---

<b>UniProt ID</b>	P35568
<b>Pathway</b>	AGE/RAGE pathway; AMPK signaling pathway; Adaptive Immune System; Adipocytokine signaling pathway; Adipogenesis; Aldosterone-regulated sodium reabsorption; Alpha6-Beta4 Integrin Signaling Pathway; BDNF signaling pathway
<b>Function</b>	SH2 domain binding; insulin receptor binding; insulin-like growth factor receptor binding; phosphatidylinositol 3-kinase binding; phosphatidylinositol 3-kinase binding; protein binding; protein kinase C binding; signal transducer activity; transmembrane receptor protein tyrosine kinase adaptor activity

---