



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

UniProt ID	P35568
Pathway	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
Function	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