



IRS1 (phospho Ser616) blocking peptide (CDBP1632)

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

PRODUCT INFORMATION

Product Overview	IRS1 peptide - phospho S616 (phospho and non - phospho pair)
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
Buffer	Lyophilized powder with trifluoroacetate salt.
Preservative	None

GENE INFORMATION

Gene Name	irs1 cytoplasmic isoleucine-tRNA ligase Irs1 (predicted) [Schizosaccharomyces pombe 972h-]
Official Symbol	IRS1
Synonyms	IRS1; cytoplasmic isoleucine-tRNA ligase Irs1 (predicted); EC 6.1.1.5;
Entrez Gene ID	2541245
mRNA Refseq	NM_001021464
Protein Refseq	NP_595569
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, conserved biosystem;

Function

ATP binding; isoleucine-tRNA ligase activity;
