

## Recombinant Human IRS1 cell lysate

Cat. No. IRS1-872HCL Lot. No. (See product label)

### SPECIFICATION

Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

### GENE INFORMATION

Gene Name	IRS1 insulin receptor substrate 1 [ Homo sapiens ]
Official Symbol	IRS1
Synonyms	IRS1; insulin receptor substrate 1; HIRS 1; IRS-1; HIRS-1;
Gene ID	3667
mRNA Refseq	NM_005544
Protein Refseq	NP_005535
UniProt ID	P35568

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<b>Chromosome Location</b>	2q36
<b>Pathway</b>	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;
<b>Function</b>	SH2 domain binding; insulin receptor binding; insulin-like growth factor receptor binding; insulin-like growth factor-activated receptor activity; phosphatidylinositol 3-kinase binding; phosphatidylinositol 3-kinase binding; phosphatidylinositol-4,5-bisphosphate 3-kinase activity; protein binding; protein kinase C binding; signal transducer activity; transmembrane receptor protein tyrosine kinase adaptor activity;

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