

Recombinant Human IRS1 HEK293T cell lysate

Cat. No. IRS1-12HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IRS1 was derived in Human HEK293T cell line. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate.
Species	Human
Source	HEK293
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.
Form	The cell lysate is provided in RIPA buffer.
Molecular Mass	131.4 kDa
Storage	Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

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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
MIM	147545
UniProt ID	P35568
Chromosome Location	2q36

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