

Recombinant Human IRS1 Protein, His Tagged

Cat. No. IRS1-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IRS1 (600-1242) was expressed by baculovirus in Sf9 insect cells using an C-terminal His tag.
Species	Human
Source	Insect Cells
ProteinLength	600-1242 aa
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	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 400mM imidazole, 1mM DTT, 10% glycerol.
Molecular Mass	68 kDa
Purity	>80%
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. 1yr at –70 centigrade from date of shipment.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	>0.05 µg/µL
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Shipping	Dry Ice
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GENE INFORMATION

Gene Name	IRS1 insulin receptor substrate 1 [Homo sapiens (human)]
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Official Symbol	IRS1
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Synonyms	IRS1; insulin receptor substrate 1; HIRS-1
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Gene ID	3667
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mRNA Refseq	NM_005544
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Protein Refseq	NP_005535
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MIM	147545
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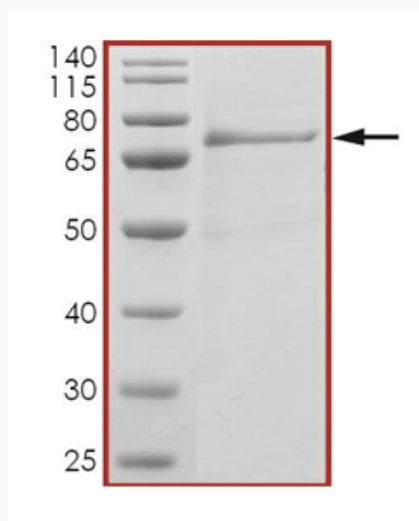
UniProt ID	P35568
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SDS-PAGE



The purity of IRS1 (C-Term) was determined to be >80% by densitometry.

Calculated MW: ~68 kDa Observed MW: ~70 kDa

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