

Recombinant Human IRS1 Protein (Pro4-Arg267), N-His tagged

Cat. No. IRS1-3380H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IRS1 (Pro4-Arg267) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro4-Arg267
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.
Molecular Mass	31.42 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS

 Tel: 1-631-559-9269 1-516-512-3133

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

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

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

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; HIRS-1;

Gene ID 3667

mRNA Refseq NM_005544

Protein Refseq NP_005535

MIM 147545

UniProt ID P35568

SDS-PAGE



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