

Recombinant Human IRS1 protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. IRS1-4543H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IRS1 protein(P35568)(157-267aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	157-267aa
Conjugation/Label	Biotin
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.3 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

GPAFKEVWQVILKPKGLGQTKNLIGIYRLCLTSKTISFVKLNSEAAAVLQLMNIRRCG
HSEFFFIEVGRSAVTGPGEFWMQVDDSVVAQNMHETILEAMRAMSDEFRPR

Conjugation

Biotin

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

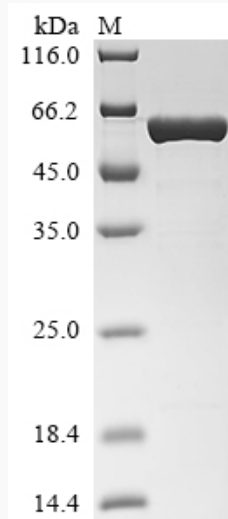
[P35568](#)

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SDS-PAGE



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