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	GPAFKEVWQVILKPKGLGQTKNLIGIYRLCLTSKTISFVKLNSEAAAVVLQLMNIRRCG HSENFFFIEVGRSAVTGPGEFWMQVDDSVVAQNMHETILEAMRAMSDEFRPR
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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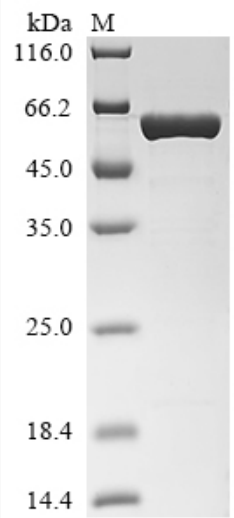
SDS-PAGE	

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