Recombinant Rat Irs3 protein, His & T7-tagged

Cat. No. Irs3-1615R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Irs3 aa. (Met1~Ser110 (Accession # B1WBQ1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Ser110
Description	Functions in signal transduction of various hormones.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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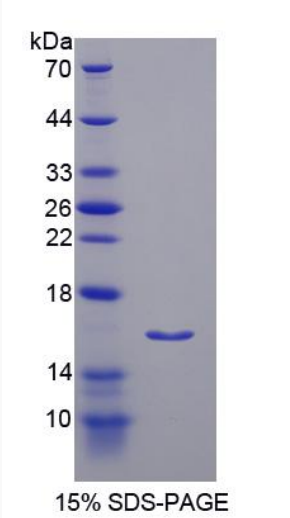
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	10.1

GENE INFORMATION

Gene Name	Irs3 insulin receptor substrate 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Irs3
Synonyms	Irs3; insulin receptor substrate 3
Gene ID	84021
mRNA Refseq	NM_032074.1
Protein Refseq	NP_114463.1
UniProt ID	B1WBQ1

SDS-PAGE	

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