

Recombinant Rat Insr protein, His-tagged

Cat. No. Insr-7896R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Insr aa. (Ser1114~Pro1382 (Accession # P15127)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser1114~Pro1382
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
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.

GENE INFORMATION

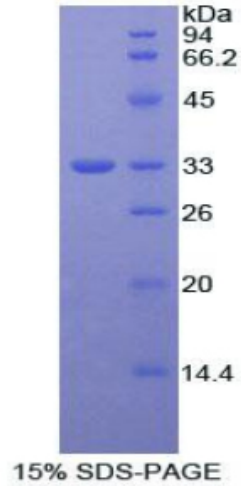
Gene Name	Insr insulin receptor [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Insr
Synonyms	insulin receptor; IR; insulin receptor preproprotein
Gene ID	24954
mRNA Refseq	NM_017071.2
Protein Refseq	NP_058767.2
UniProt ID	P15127

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SDS-PAGE



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