

Recombinant Rat Insl3 protein, His & GST-tagged

Cat. No. Insl3-1048R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Insl3 aa. (Gln63~His129 (Accession # Q9WUK0) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln63~His129
Description	Ligand for LGR8; functions in testis descent.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

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

[InsI3 insulin-like 3 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[InsI3](#)

Synonyms

InsI3; insulin-like 3; Rlf; Leydig insulin-like peptide relaxin-like factor; ley-I-L; relaxin-like factor

Gene ID

[114215](#)

mRNA Refseq

[NM_053680.1](#)

Protein Refseq

[NP_446132.1](#)

UniProt ID

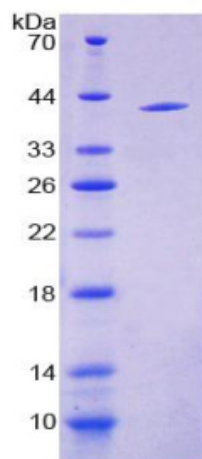
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SDS-PAGE



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