

## Porcine Insulin Reference standard

Cat. No. INS-74P Lot. No. (See product label)

### SPECIFICATION

**Species**

Pig

**Enzyme Unit**

ONE INTERNATIONAL UNIT of porcine insulin is the activity contained in 0.03846 mg of the standard for porcine insulin, by definition.

**Usage**

The content of an ampoule is variable. Aliquots of insulin crystals should be accurately weighed after allowing the ampoule to equilibrate at room temperature in a desiccator.

**Notes**

This preparation is not for administration to humans. The material is not of human or bovine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratory's safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

**Storage**

Unopened ampoules should be stored at -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

### GENE INFORMATION

**Gene Name**INS insulin [ *Sus scrofa* ];**Official Symbol**

INS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Synonyms</b>	insulin; proinsulin; preproinsulin
<b>Gene ID</b>	<a href="#">397415</a>
<b>mRNA Refseq</b>	<a href="#">NM_001109772</a>
<b>Protein Refseq</b>	<a href="#">NP_001103242</a>
<b>UniProt ID</b>	<a href="#">P01315</a>
<b>Chromosome Location</b>	chromosome: 2
<b>Pathway</b>	AMPK signaling pathway, organism-specific biosystem; HIF-1 signaling pathway, organism-specific biosystem; Non-alcoholic fatty liver disease (NAFLD), organism-specific biosystem
<b>Function</b>	hormone activity; identical protein binding

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