

Recombinant Pig INS Protein, His/GST-tagged

Cat. No. INS-676P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig INS(Gly88~Asn108) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Gly88~Asn108
Description	INS played an important role in many functions.
Form	20mM Tris, 150mM NaCl,pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	32.38kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

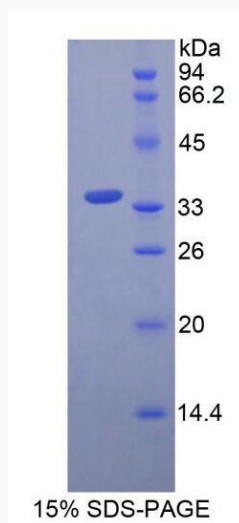
GENE INFORMATION

Gene Name	INS insulin [Sus scrofa]
Official Symbol	INS
Synonyms	INS; insulin; proinsulin; preproinsulin;
Gene ID	397415
mRNA Refseq	NM_001109772
Protein Refseq	NP_001103242

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