Recombinant Cattle INS Protein, His/GST-tagged

Cat. No. INS-673C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle INS(Phe25~Ala54) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Phe25~Ala54
Description	INS played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	35.8kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (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
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

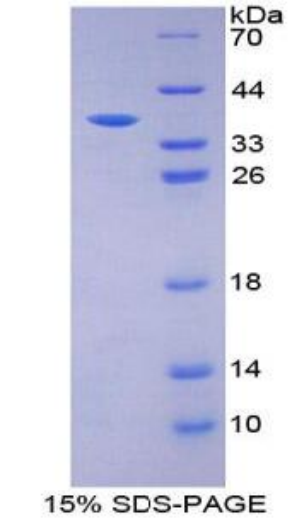
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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
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 [Bos taurus]
Official Symbol	INS
Synonyms	proinsulin
Gene ID	280829
mRNA Refseq	NM_001185126
Protein Refseq	NP_001172055

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15% SDS-PAGE

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