

Native Bovine INS

Cat. No. INS-512D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Bovine insulin, a polypeptide hormone, is obtained from beef pancreas and purified from an ethanol/phosphoric acid extra.
Species	Bovine
Source	Beef Pancreas
Description	Like that of human insulin, it is the principal hormone responsible for regulating the cellular uptake and storage of glucose. Bovine insulin also plays an important role in metabolism of amino acids and fatty acids, while effectively inhibiting the degradation of glycogen protein and fat. Due to these characteristics, it is commonly used as a growth factor in many mammalian cell culture systems.

GENE INFORMATION

Gene Name	INS insulin [Bos taurus]
Official Symbol	INS
Synonyms	insulin; proinsulin
Gene ID	280829
mRNA Refseq	NM_001185126

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Protein Refseq	NP_001172055
Chromosome Location	chromosome: 29
Pathway	AMPK signaling pathway, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Disease, organism-specific biosystem
Function	hormone activity; identical protein binding; protein binding

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