

Recombinant Full Length Cynomolgus Monkey insulin Protein, His tagged

Cat. No. INS-623CE **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cynomolgus Monkey insulin Protein (25-110 aa) with His tag was expressed in E. coli.
Species	Cynomolgus
Source	E.coli
ProteinLength	25-110 aa
Description	Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.
Molecular Mass	10 kDa
AA Sequence	MHHHHHHHHFVNQHLGSHLVEALYLVCGERGFFYTPKTRREAEDPQVGQVELGG GPGAGSLQPLALEGSLQKRGIVEQCCTSICSLYQLENYCN
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Sterile 50mM Tris-HCl, pH8.0, 200mM NaCl
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Concentration	0.16 mg/mL by BCA
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GENE INFORMATION

Gene Name	INS insulin [<i>Macaca mulatta</i> (Rhesus monkey)]
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Official Symbol	INS
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Synonyms	INS; insulin; preproinsulin
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Gene ID	704534
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mRNA Refseq	XM_028833049
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Protein Refseq	XP_028688882
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UniProt ID	F7AUL3
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