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	MHHHHHHHHFVNQHLCGSHLVEALYLVCGERGFFYTPKTRREAEDPQVGQVELGG 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
Concentration	0.16 mg/mL by BCA

GENE INFORMATION

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

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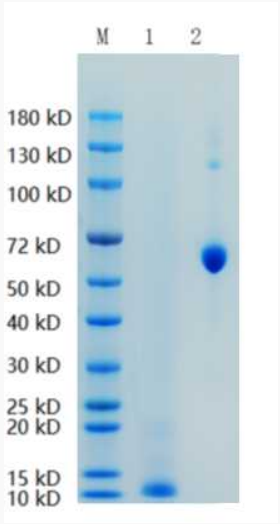
Reducing 4-20 % SDS-PAGE (CBB stained) analysis profile of purified INS.



1. INS
2. BSA

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