

Recombinant Human Proinsulin Q65E Mutation Protein, His-tagged

Cat. No. Proinsulin-65H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Proinsulin Q65E Mutation Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	A precursor of insulin it is converted to insulin by removal of the connecting C peptide, leaving the two (A and B) chains. From every molecule of proinsulin, one molecule of insulin plus one molecule of C Peptide are produced.
Molecular Mass	10.95 kD
AA Sequence	MNHKVVHHHHHMFVNQHLGSHLVEALYLVCGERGFFYTPKTRREAEDLQVGEVELGGPGAGSLQPLALEGSLQKRGIVEQCCTSICSLYQLENYCN
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.
Concentration	0.7 mg/mL
Storage Buffer	PBS buffer

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GENE INFORMATION

Gene Name INS insulin [Homo sapiens (human)]

Official Symbol INS

Synonyms INS; insulin; IRDN; Proinsulin precursor; IDDM; ILPR; IRDN; IDDM1; IDDM2; PNDM4; MODY10; insulin; preproinsulin; proinsulin

Gene ID 3630

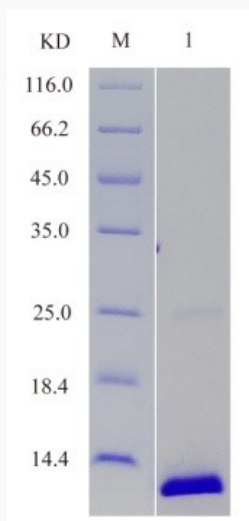
mRNA Refseq NM_000207

Protein Refseq NP_000198

MIM 176730

UniProt ID P01308

SDS-PAGE



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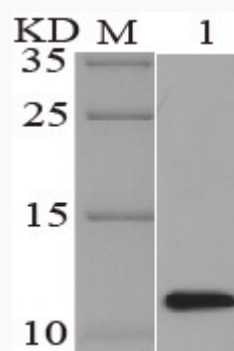
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M: Protein ladder

1: Purified protein

2: Purified protein

WB



M: Protein ladder

1: Purified protein