

Human ProInsulin Recombinant Protein



RPPB0694

Product Information Protein Information

Product SKU:

RPPB0694

Accession:

P01308

Host:

Escherichia Coli.

Protein description:

ProInsulin C-Peptide Analogue Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 35 amino acid and having a molecular mass of approximately 3.6kDa. ProInsulin is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Insulin, Insulin-Dependent Diabetes Mellitus 2, Preproinsulin, Proinsulin, MODY10, IDDM1, IDDM2, IDDM, ILPR, IRDN.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized ProInsulin C-Peptide Analogue in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized ProInsulin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ProInsulin C-Peptide Analogue should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

RREAEDLQVG QVELGGGPGA GSLQPLALEG SLQKR.