9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ProInsulin Human

ProInsulin C-Peptide Analogue Human Recombinant
GRF0346

Product Overview

Name	ProInsulin Human
Description	
ProInsulin C-Peptide Analogue Human Recombinant	
Accession (Primary)	P01308
Synonyms	
Insulin, Insulin-Dependent Diabetes Mellitus 2, Preproinsulin, Proinsulin, MODY10, IDDM1, IDDM2, IDDM, ILPR, IRDN.	
Introduction	
Insulin decreases blood glucose concentration. Insulin increases cell permeability to monosaccharides, amino acids and fatty acids. Insulin accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.	
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 .	
Purity	
Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
RREAEDLQVG QVELGGGPGA GSLQPLALEG SLQKR.	
Solubility	
It is recommended to reconstitute the lyophilized ProInsulin C-Peptide Analogue in sterile 18MΩ-cm H 2 O not less than 100 μg/ml, which can then be further diluted to other aqueous solutions.	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ProInsulin Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01308)