

Product datasheet for **AR31117PU-L**

C-peptide (57-87) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	C-peptide (57-87) human protein, 1.0 mg
Species:	Human
Expression cDNA Clone or AA Sequence:	EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ-OH
Predicted MW:	3020.3 Da
Purity:	>95% by HPLC
Buffer:	State: Purified Peptide
Preparation:	Purified Peptide
Protein Description:	Human C-Peptide (57-87) Composition: C ₁₂₉ H ₂₁₁ N ₃₅ O ₄₈
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	Proinsulin, Connecting Peptide
Summary:	45S ribosomal DNA (rDNA) arrays, or clusters, are present on human chromosomes 13, 14, 15, 21 and 22, designated RNR1 through RNR5, respectively. Each cluster consists of multiple 45S rDNA repeat units that vary in number among individuals and chromosomes, with total diploid copy number estimates ranging from 60 to >800 repeat units in a human genome. The 45S rDNA repeat unit encodes a 45S rRNA precursor, transcribed by RNA polymerase I, which is processed to form the 18S, 5.8S and 28S rRNAs. This gene represents a copy of the 5.8S ribosomal RNA on chromosome 21. [provided by RefSeq, Mar 2017]



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