

Product Datasheet

C-Human peptide (orb216546)

Description	C-Human peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	The measurement of the C-peptide under standardized conditions provides a sensitive, well accepted, and clinically validated assessment of β-cell function. The C-peptide measurement is the most suitable primary outcome for clinical trials of therapies aimed at preserving or improving endogenous insulin secretion in type 1 diabetes patients. C-peptide also shows hormonal activity. Clinical studies demonstrated that C-peptide administration in type 1 diabetes patients, who lack the peptide, alleviates the diabetes-induced renal and nerve dysfunctions.
Protein Sequence	H-Glu-Ala-Glu-Asp-Leu-Gln-Val-Gly-Gln-Val-Glu-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu-Gln-OH
Formula	C ₁₂₉ H ₂₁₁ N ₃₅ O ₄₈
Purity	> 95%
Source	Synthetic
MW	3020.33
CAS Number	33017-11-7
Expiration Date	12 months from date of receipt.

