

Name	Glucagon, human
Cat #	PP-1360
Size	1 g, 10 g, 100, g and bulk custom packages
CAS#	9007-92-5
Mol. Mass	3482.75
Formula	C ₁₅₃ H ₂₂₅ N ₄₃ O ₄₉ S
Sequence	H-His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-OH
Purity	>95%

Glucagon is an essential hormone that increases cAMP in hepatocytes, shown to reduce iNOS expression.

Glucagon is an important hormone involved in carbohydrate metabolism. Produced by the pancreas, it is released when the glucose level in the blood is low (hypoglycemia), causing the liver to convert stored glycogen into glucose and release it into the bloodstream. The action of glucagon is thus opposite to that of insulin, which instructs the body's cells to take in glucose from the blood. However, glucagon also paradoxically stimulates the release of insulin, so that newly available glucose in the bloodstream can be uptaken and used by insulin-dependent tissues.