

## Insulin, Human

货号: I2597

储存条件: 粉末-20°C 可保存 3 年; 液体-80°C 可保存 12 月。

### 产品描述

Insulin, Human is a two-chain polypeptide hormone produced by the  $\beta$ -cells of pancreatic islets, it regulates the cellular uptake, utilization, and storage of glucose, amino acids, and fatty acids and inhibits the breakdown of glycogen, protein, and fat.

Insulin should be solubilized in dilute acetic (1%) or hydrochloric acid, pH 2-3, with solubility of 1-10 mg/mL. The stock solution of Insulin should be stored frozen at -20°C in single-use aliquots to avoid freeze-thaw cycles.

储存液制备	质量	1 mg	5 mg	10 mg
	1 mM	0.1722 mL	0.8609 mL	1.7219 mL
	5 mM	0.0344 mL	0.1722 mL	0.3444 mL
	10 mM	0.0172 mL	0.0861 mL	0.1722 mL

### 产品性质

CAS 号	11061-68-0	
分子式	$C_{257}H_{383}N_{65}O_{77}S_6$	
分子量	5807.57	
溶解度	DMSO	98.0 mg/mL (16.9 mM)
	Water	Insoluble
	Ethanol	Insoluble

