

PANCREAS HORMONE PRODUCTION & FUNCTION

CELL TYPE (ISLETS)	HORMONE	PRIMARY FUNCTION	TARGET ORGAN
Alpha (\hat{I}^{\pm})	Glucagon	Increases blood glucose levels by stimulating glycogenolysis and gluconeogenesis.	Liver
Beta (\hat{I}^2)	Insulin	Decreases blood glucose levels by facilitating cellular glucose uptake and storage.	Liver, Muscle, Adipose Tissue
Delta (\hat{I})	Somatostatin	Inhibits the release of both insulin and glucagon; slows gastrointestinal absorption.	Pancreas (Local), GI Tract
PP (F Cells)	Pancreatic Polypeptide	Regulates pancreatic exocrine secretion and influences appetite/satiety.	Pancreas, Gallbladder, Brain
Epsilon ($\hat{I}\mu$)	Ghrelin	Stimulates hunger and growth hormone secretion	Hypothalamus, Pituitary

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(produced in small amounts).