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# Somatropin

National Cancer Institute

## Source

National Cancer Institute. *Somatropin*. NCI Thesaurus. Code C837.

A recombinant form of endogenous human growth hormone (GH), a polypeptide produced by the anterior lobe of the human pituitary gland. GH exhibits growth-promoting effects and metabolic effects on carbohydrate, fat, protein and bone metabolism. GH stimulates protein synthesis and the uptake of amino acids into cells, and induces lipolysis in adipose tissues. The secretion of GH increases with sexual maturation and then declines steadily.