

# Follicle-Stimulating Hormone

FSH is a heterodimeric [glycoprotein](#) consisting of the same alpha chain found in TSH (and LH) a beta chain of 118 amino acids, which gives it its unique properties.

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[Luteinizing hormone-releasing hormone](#) causes the [pituitary gland](#) to make and secrete the hormones [luteinizing hormone](#) (LH) and follicle-stimulating hormone (FSH). In men, these hormones cause the testicles to make [testosterone](#). In women, they cause the ovaries to make [estrogen](#) and [progesterone](#).

Synthesis and release of FSH is triggered by the arrival from the hypothalamus of gonadotropin-releasing hormone (GnRH). The effect of FSH depends on one's sex. FSH in females

In sexually-mature females, FSH (assisted by LH) acts on the follicle to stimulate it to release estrogens. FSH produced by recombinant DNA technology (Gonal-f®) is available to promote ovulation in women planning to undergo in vitro fertilization (IVF) and other forms of assisted reproductive technology. FSH in males In sexually-mature males, FSH acts on spermatogonia stimulating (with the aid of testosterone) the production of sperm.

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see [Follicle stimulating hormone secreting pituitary neuroendocrine tumor](#).

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