Follicle Stimulating Hormone from human pituitary

Product Number F 4021
Storage Temperature -0 °C

Product Description
CAS Number: 9002-68-0
Molecular Weight: 35 kDa
Synonym: FSH

FSH is a heterodimeric glycoprotein hormone composed of α and β chains. The α chain has 89 amino acids and the β chain has 115 amino acids. The α chain is not active. The biological specificity is attributed to the β chain. FSH induces maturation of Graafian follicles of the ovary, promotes development of germinal cells in males, and activates cytosolic tyrosine kinase.

The product contains less than 2% lutenizing hormone and less than 1% each of thyroid stimulating hormone, growth hormone, prolactin, and ACTH.

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Storage/Stability
The product can be reconstituted with 1 ml of water or phosphate buffer. The vial (dry powder) contains 0.1 mg of salts from 50 mM phosphate buffer, pH 7.4.

When reconstituted, store at 2-8 °C for up to one month. The product should be kept sterile to limit bacterial growth, which will denature the protein.

References

ALF/NSB 11/02