

Datasheet for ABIN934567 FSHB Protein



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Overview

Quantity:	100 µg
Target:	FSHB
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Purified native Human FSH beta protein Protein Source: Human pituitary glands
Purification:	Column Chromatography
Purity:	> 98 % pure

Target Details

Target:	FSHB
Alternative Name:	FSH beta (FSHB Products)

Background: Follicle-stimulating hormone (FSH) is a hormone found in humans and other animals. It is synthesized and secreted by gonadotrophs of the anterior pituitary gland. FSH regulates the development, growth, pubertal maturation, and reproductive processes of the body. FSH and Luteinizing hormone (LH) act synergistically in reproduction. The structure of FSH is similar to those of LH, TSH, and hCG. The protein dimer contains 2 polypeptide units, labeled alpha and beta subunits. The alpha subunits of LH, FSH, TSH, and hCG are identical, and contain 92 amino acids. The beta subunits vary.

Target Details

Description: Human pituitary glands.

Alternative Names: Follicle Stimulating Hormone beta Protein

Pathways: [Peptide Hormone Metabolism](#), [Hormone Activity](#), [C21-Steroid Hormone Metabolic Process](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with Na₃ PO₄, pH 7.5.

Buffer: Lyophilized from 50 mM ammonium bicarbonate.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.
