

# Active Native Bovine FSH Protein

**Cat. No.** FSH-930B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified Follicle Stimulating Hormone (FSH) from bovine pituitary glands: $\geq 0.25 \times$ NIH-FSH-S1.                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Follicle stimulating hormone enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis. Members of the pituitary glycoprotein hormone family, of which FSH is one consist of a shared alpha chain and a beta chain encoded by a separate gene. The FSH beta gene encodes the beta subunit of follicle stimulating hormone. |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Bio-activity</b>     | $\geq 0.25 \times$ NIH-FSH-S1                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | At 2-8 centigrade.                                                                                                                                                                                                                                                                                                                                                                                                            |

## GENE INFORMATION

|                        |                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FSHB follicle stimulating hormone subunit beta [ Bos taurus (cattle) ]                                                                                                    |
| <b>Official Symbol</b> | FSHB follicle stimulating hormone subunit beta [ Bos taurus (cattle) ]                                                                                                    |
| <b>Synonyms</b>        | Follicle Stimulating Hormone; bFSH; FSH; FSHB; follicle stimulating hormone subunit beta; follitropin subunit beta; FSH-B; FSH-beta; class 1 follicle-stimulating hormone |

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beta polypeptide; class 2 follicle-stimulating hormone beta polypeptide; follicle stimulating hormone beta subunit; follicle stimulating hormone, beta polypeptide; follicle stimulating hormone, beta polypeptide; follitropin beta chain

**Gene ID** 281171

**mRNA Refseq** NM\_174060

**Protein Refseq** NP\_776485

**UniProt ID** P04837

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