

Recombinant Human FSHB Protein, GST-tagged

Cat. No. FSHB-4519H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FSHB partial ORF (NP_000501.1, 19 a.a. - 129 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]
Molecular Mass	37.95 kDa
AA Sequence	NSCELTNITIAIEKEECRFCISINTTWCAGYCYTRDLVYKDPARPKIQKTCTFKELVYE TVRVPGCAHHADSLYTPVATQCHCGKCDSDSTDCTVRGLGPSYCSFGEMKE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

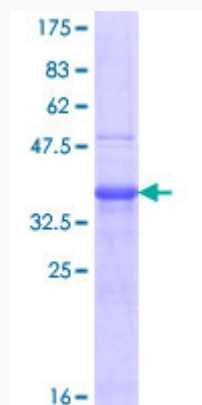
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 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FSHB follicle stimulating hormone, beta polypeptide [Homo sapiens]
Official Symbol	FSHB
Synonyms	FSHB; follicle stimulating hormone, beta polypeptide; follitropin subunit beta; follicle stimulating hormone beta subunit; follitropin; beta chain; FSH-B; FSH-beta; follitropin beta chain; follitropin, beta chain; follicle-stimulating hormone beta subunit;
Gene ID	2488
mRNA Refseq	NM_000510
Protein Refseq	NP_000501
MIM	136530
UniProt ID	P01225

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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