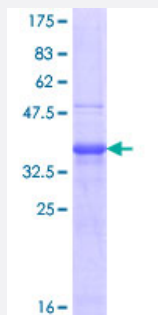


FSHB (Human) Recombinant Protein (Q01)

Catalog # H00002488-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FSHB partial ORF (NP_000501.1, 19 a.a. - 129 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NSCELTNITIAIEKEECRFCISINTWCAGYCYTRDLVYKDPARPKIQKTCTFKELVYETVRVPGCAH HADSLYTYPVATQCHCGKCDSDSTDCTVRGLGPSYCSFGEMKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FSHB

Entrez GeneID [2488](#)

GeneBank Accession# [NM_000510](#)

Protein Accession# [NP_000501.1](#)

Gene Name FSHB

Gene Alias -

Gene Description follicle stimulating hormone, beta polypeptide

Omim ID [136530](#) [229070](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations follicle-stimulating hormone beta subunit|follitropin, beta chain

Pathway

- [GnRH signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acne Vulgaris](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Infertility](#)
- [Menstruation Disturbances](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)