

Recombinant Zebrafish fshb Protein, His-tagged

Cat. No. fshb-2738Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish fshb Protein (Glu19-His130) with N-His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Glu19-His130
Description	Enables hormone activity. Acts upstream of or within ovarian follicle development; sex determination; and spermatogenesis. Predicted to be located in extracellular region. Predicted to be active in cytoplasm and extracellular space. Is expressed in several structures, including brain; endocrine system; female organism; kidney; and male organism. Human ortholog(s) of this gene implicated in amenorrhea and hypogonadotropic hypogonadism 24 without anosmia. Orthologous to human FSHB (follicle stimulating hormone subunit beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16 kDa Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	fshb follicle stimulating hormone subunit beta [Danio rerio (zebrafish)]
Official Symbol	fshb
Synonyms	fshb; follicle stimulating hormone subunit beta; gthl; follitropin subunit beta; FSH Beta; Gth I; follicle stimulating hormone, beta polypeptide; follicle-stimulating hormone beta subunit
Gene ID	402919
mRNA Refseq	NM_205624
Protein Refseq	NP_991187
UniProt ID	Q6TCF7

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