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37-1136: Human FSH Beta / FSHB Recombinant Protein (His Tag)(Discontinued)

Reactivity: Human

Alternative Name: HH24 Protein,

Description

Source: HEK293 Cells

Follicle-stimulating hormone (FSH) is a gonadotrope-derived heterodimeric glycoprotein. FSH plays an essential role in processes involved in human reproduction, including spermatogenesis and the ovarian cycle. FSHB represents a conservative vertebrate gene with a unique function and it is located in a structurally stable gene-poor region. Polymorphisms in the follicle stimulating hormone beta subunit (FSHB) and follicle stimulating hormone receptor (FSHR) genes might disturb normal spermatogenesis and affect male reproductive ability. The FSHB -211G>T genotype is a key determinant in the regulation of gonadotropins in different reproductive-endocrine pathopyhsiologies.

Product Info

Amount: Human FSH Beta / FSHB Recombinant Protein (His Tag)(Discontinued) / 50 µg

Purification: > 90 % as determined by SDS-PAGE.

Formulation Lyophilized from sterile PBS, pH 7.4.

Content: Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before

lyophilization.

Storage condition : Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid: Met1-Glu129

Application Note

Endotoxin :< 1.0 EU per $\tilde{A} \square \hat{A} \mu g$ protein as determined by the LAL method.

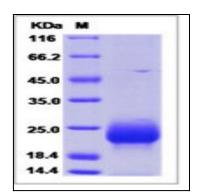


Fig 1: Human FSH Beta / FSHB Recombinant Protein (His Tag)