

Mouse FSH alpha&beta Protein

Cat. No. FSH-MM1AB

Description

Source	Recombinant Mouse FSH alpha&beta Protein is expressed from HEK293 with His tag at the C-terminus. It contains Leu25-Ser120 (FSH alpha) and His20-Glu130 (FSH beta).
Accession	P01216(FSH alpha)&Q60687(FSH beta)
Molecular Weight	The protein has a predicted MW of 12.28 kDa (FSH alpha) and 13.67 kDa (FSH beta). Due to glycosylation, the protein migrates to 26-36 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

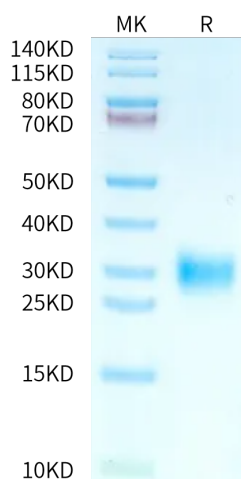
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

FSH (Follicle-stimulating hormone) is a gonadotropin, a glycoprotein polypeptide hormone. It has a functionally indispensable 96 amino acid α subunit that is common to LH, TSH and hCG, in addition to a structurally unique β subunit. FSH is synthesized and secreted by the gonadotropic cells of the anterior pituitary gland and regulates the development, growth, pubertal maturation, and reproductive processes of the body.

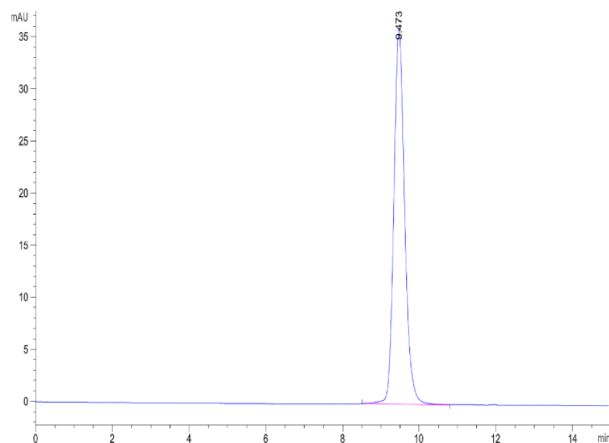
Assay Data

Tris-Bis PAGE



Mouse FSH alpha&beta on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse FSH alpha&beta is greater than 95% as determined by SEC-HPLC.