

Datasheet for ABIN7504338
FSH alpha Protein (AA 25-116) (Fc Tag)



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Overview

Quantity:	100 µg
Target:	FSH alpha
Protein Characteristics:	AA 25-116
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FSH alpha protein is labelled with Fc Tag.

Product Details

Purpose:	Human FSH alpha & beta Protein
Sequence:	Ala25-Ser116 (FSH alpha) & Asn19-Glu129 (FSH beta)
Specificity:	Uni-Prot: P01215 (FSH alpha), P01225 (FSH beta)
Characteristics:	Recombinant Human FSH alpha & beta Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala25-Ser116 (FSH alpha) & Asn19-Glu129 (FSH beta).
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FSH alpha
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Target Details

Alternative Name:	FSH alpha (FSH alpha Products)
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.
Molecular Weight:	10.20 kDa (FSH alpha) and 39.2 kDa (FSH beta). Due to glycosylation, the protein migrates to 25-30 kDa (FSH alpha) and 50-60 kDa (FSH beta) based on Tris-Bis PAGE result.
UniProt:	P01215

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{mL}$ is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months