Datasheet for ABIN7318498

FSH Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	FSH
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FSH protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FSH Protein (Flag & His Tag)
Sequence:	Ala25-Ser116&Asn19-Glu129
Characteristics:	Recombinant Human Follicle-Stimulating Hormone is produced by our Mammalian expression system and the target gene encoding Ala25-Ser116&Asn19-Glu129 is expressed with a Flag tag&6His at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FSH
Alternative Name:	FSH (FSH Products)
Target Type:	Hormone

Target Details

Background:	Background: Human Follicle-stimulating hormone (FSH) is a member of glycoprotein hormones subunit beta family, whichalso includes LH, chorionic gonadotropin (CG) and thyroid-stimulating hormone (TSH). FSH and its familymembers are heterodimers consisting of non-covalently linked α- and β-subunits. They share an identical αsubunit, and β-subunits vary. FSH has a unique β-subunit (FSHβ), which confers its specific biologic activityand is responsible for interaction with the FSH-receptor which belongs to a subfamily of GPCRs calledleucine-rich-repeat-containing GPCRs (LGRs). FSH is secreted from the pituitary gland and regulatesreproduction in mammals. FSH stimulates sertoli cell proliferation in testes and supports spermatogenesis inmales, and induces the maturation of ovarian follicles in females. Synonym: Follicle-stimulating hormone, FSH, FSH alpha/beta
Molecular Weight:	10.2&12.5 kDa
Pathways:	Peptide Hormone Metabolism, Chromatin Binding

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.