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Product Datasheet

Recombinant Human FSH (C-Flag,C-6His) EBT-EPT299

Article Name	Recombinant Human FSH (C-Flag,C-6His)
Biozol Catalog Number	EBT-EPT299
Supplier Catalog Number	EPT299
Alternative Catalog Number	EBT-EPT299-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 11.5&13.5 KDa. Apparent molecular weight: 20-30 KDa, reducing conditions
UniProt	P01215
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Human Follicle-stimulating hormone (FSH) is a member of glycoprotein hormones subunit beta family, which also includes LH, chorionic gonadotropin (CG) and thyroid-stimulating hormone (TSH). FSH and its family members are heterodimers consisting of non-covalently linked alpha- and beta-subunits. They share an identical alpha subunit, and beta-subunits vary. FSH has a unique beta-subunit (FSHbeta), which confers its specific biologic activity and is responsible for interaction with the FSH-receptor which belongs to a subfamily of GPCRs called leucine-rich-repeat-containing GPCRs (LGRs). FSH is secreted from the pituitary gland and regulates reproduction in mammals. FSH stimulates sertoli cell proliferation in testes and supports spermatogenesis in males, and induces the maturation of ovarian follicles in females
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