

Human Follicle Stimulating Hormone (FSH) Protein

Catalogue No.: abx262431

Human Follicle Stimulating Hormone is a recombinant protein expressed in HEK293 cells. It is a heterodimeric, glycosylated protein consisting of partial length human FSH alpha and human FSH beta chains.

Target:	Follicle Stimulating Hormone (FSH)
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	HEK293 cells
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95% (SDS-PAGE)
Purification:	Purified by proprietary chromatographic techniques. 0.2 µm filtered prior to lyophilization.
Reconstitution:	Reconstitute in sterile 18 MΩ · cm water to a concentration of at least 0.1 mg/ml. This stock solution can be further diluted if required.
Storage:	Stable at room temperature for up to 3 weeks. Store below -18 °C for long-term storage. Upon reconstitution, store at 4 °C for up to 7 days and store below -18 °C for long-term storage. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.
UniProt	P01225 (UniProt , ExPASy)
Primary AC:	
KEGG:	hsa:2488
String:	9606.ENSP00000416606
Molecular Weight:	38 kDa
Sequence Fragment:	Ala25-Ser116 (alpha chain) and Asn19-Glu129 (beta chain)

Datasheet

Version: 5.0.0

Revision date: 10 Jun 2025



Sequence: FSH subunit alpha:
APDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLRSKKTMLVQKNVTSESTCCVAKSYNRVTVMGGFKVENHTACHCSTCYHKS.
FSH subunit beta:
NSCELTNITIAIEKEECRFCISINTTWCAGYCYTRDLVYKDPARPKIQKTCTFKELVYETVRVPGCAHHA
DSLYTYPVATQCHCGKCDSSTDCTVRGLGPSYCSFGEMKE.

Buffer: Prior to lyophilization: PBS, pH 7.4.

Biological Activity: The ED₅₀ as determined by cAMP accumulation in human FSH Receptor-transfected CHO cells was found to be 80-450 pg/ml.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only