

## 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.

<b>Target:</b>	Follicle Stimulating Hormone (FSH)
<b>Origin:</b>	Human
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	SDS-PAGE
<b>Host:</b>	HEK293 cells
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 95% (SDS-PAGE)
<b>Purification:</b>	Purified by proprietary chromatographic techniques. 0.2 µm filtered prior to lyophilization.
<b>Reconstitution:</b>	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.
<b>Storage:</b>	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.
<b>UniProt</b>	P01225 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Primary AC:</b>	
<b>KEGG:</b>	hsa:2488
<b>String:</b>	<a href="#">9606.ENSP00000416606</a>
<b>Molecular Weight:</b>	38 kDa
<b>Sequence Fragment:</b>	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 ED<sub>50</sub> 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.

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