

Recombinant Human FSH Protein

Catalog #	Source	Reactivity	Applications
CRP2564	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human FSH Protein is produced by mammalian expression system and the target gene encoding Ala25-Ser116 and Asn19-Glu129 is expressed.

Form Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.

Gene Symbol CGA; FSHB

Alternative Names Glycoprotein hormones alpha chain; Anterior pituitary glycoprotein hormones common subunit alpha; Choriogonadotropin alpha chain; Chorionic gonadotrophin subunit alpha; CG-alpha; Follicle-stimulating hormone alpha chain; FSH-alpha; Follitropin alpha chain; Luteinizing hormone alpha chain; LSH-alpha; Lutropin alpha chain; Thyroid-stimulating hormone alpha chain; TSH-alpha; Thyrotropin alpha chain; Follitropin subunit beta; Follicle-stimulating hormone beta subunit; FSH-B; FSH-beta; Follitropin beta chain

Entrez Gene 1081; 2488 (Human)

SwissProt P01215; P01225 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure APDVQDCPEC TLQENPFFSQ PGAPILQCMG CCFSTRAYPTP LRSKKTMLVQ KNVTSESTCC
 VAKSYNRVTV MGGFKVENHT AHCSTCYH KS
 NSCELTNITI AIEKEECRFC ISINTTWCAG YCYTRDLVYK DPARPKIQKT CTFKELVYET
 VRVPGCAHHA DSLYTPVAT QCHCGKCDSD STDCTVRGLG PSYCSEFGEMK ESSLPTVYLK
 LGGKNYELHP DKYILKVSQG GKTICLSGFM GMDIPPPSGP LWILGDVFIG SYTTFVDRDN
 NRVGFANAVV LVDHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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