

FSH

Recombinant Human Follicle Stimulating Hormone

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| Catalog No. | CRH208A CRH208B CRH208C | Quantity: | 2 µg 10 µg 1 mg |
| Alternate Names: | Follicle Stimulating Hormone, FSH, Glycoprotein hormones alpha chain, Follitropin subunit beta | | |
| Description: | Recombinant Human Follicle Stimulating Hormone is a heterodimeric glycoprotein consisting of a 92 amino acids alpha chain and a 111 amino acids beta chain. | | |
| UniProt ID: | P01215, P01225 | | |
| Source: | HEK293 | | |
| Molecular Weight: | 25 kDa, heterodimer | | |
| Formulation: | Lyophilized from sterile filtered PBS, pH 7.4. | | |
| Purity: | >95% by SDS-PAGE | | |
| Physical Appearance: | Sterile Filtered White lyophilized (freeze-dried) powder. | | |
| Biological Activity: | The ED ₅₀ as determined by cAMP accumulation in human FSH Receptor transfected Chinese Hamster Ovary cells was found to be 80-450 pg/ml. | | |
| Amino Acid Sequence: | <p>FSH subunit alpha: APDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLR SKKTMVLVQKNVTSESTCCVAKSYNRVTVMGGFKVENHTACHCSTCYHKS.</p> <p>FSH subunit beta: NSCELTNITIAIEKEECRFCISINTTWCAGYCYTRDLVYKDP ARPKIQKTCTFKELVYETVRVPGCAHHADSLYTPVATQCHCGKCDSDSTDCTVRGLG PSYCSFGEMKE</p> | | |
| Reconstitution: | <p>Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. DO NOT VORTEX. After complete solubilization of the protein, product may be further diluted into working aliquots with an aqueous solution containing a carrier protein, such as 0.1 % BSA or HSA..</p> | | |
| Storage & Stability: | <p>Lyophilized product is stable at room temperature for up to three weeks. Upon receipt, store as supplied at -20°C to -80°C for up to 1 year. After reconstitution as directed, FSH is stable for up to 1 week at 2-8°C. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.</p> | | |

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