

## **PRODUCT SPECIFICATION**

### **Thyroid Stimulating Hormone (TSH, human), ≥ 95%, Recombinant, HEK 293**

**Catalog Number:** T0117      **Part Number:** 90642

**Source:** Intact human TSH ( $\alpha$ - &  $\beta$ -Subunits) produced in HEK 293 cells

**Form**

White powder, lyophilized from 50mM ammonium bicarbonate

**Purity Specification**

≥ 95% by SDS-PAGE

**Protein / Content Specification**

Report protein concentration prior to lyophilization  
(Lowry Protein Assay, BSA standard)

**Activity Specification**

Report IU & mg protein per vial by Centaur CP & Lowry  
Product is packaged by Centaur CP immunoassay value.

Target values:

70 mIU / vial; 350 mIU / vial; 700 mIU / vial; 7,000 mIU / vial

**Storage / Shipping**

Product is shipped using refrigerated gel packs (***not temperature monitored***). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen below -15°C. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles.

**Precaution / Hazard Statement**

This product is not considered a biohazard. Handle using normal laboratory procedures.

**Intended Use:** For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.