

## Thyroid Stimulating Hormone Human

<b>Item Number</b>	rAP-2607
<b>Synonyms</b>	Glycoprotein hormones alpha chain, Anterior pituitary glycoprotein hormones common subunit alpha, Folli-tropin alpha chain, Follicle-stimulating hormone alpha chain, FSH-alpha, Lutropin alpha chain, Luteinizing hormone alpha chain, LSH-alpha, Thyrotropin a
<b>Description</b>	Thyroid Stimulating Hormone Human produced in Human pituitary glands is an important indicator of thy-roid function.
<b>Uniprot Accesion Number</b>	
<b>Amino Acid Sequence</b>	
<b>Source</b>	Human pituitary glands
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TSH although stable at room tempera-ture for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TSH should be stored at 4° C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Lyophilized from a concentrated solution containing 50mM ammonium bicarbonate. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized TSH in sterile 18M-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	11.72 IU/mg vial by Centaur CP. Siemens Centaur CP is standardized against WHO 3rd IRP 81/565.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final condi-tions should be optimized by the ender users! This product is sold for **Research Use Only**