

RPPB1385

Product Information Protein Information

Product SKU:

RPPB1385

Host:

Human pituitary glands

Protein description:

Thyroid Stimulating Hormone Human produced in Human pituitary glands is an important indicator of thyroid function.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

Lyophilized from a concentrated solution containing 50mM ammonium bicarbonate.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TSH in 10mM sodium phosphate, 150mM NaCl & 1 mg/ml BSA, pH 7.4.

Stability:

Lyophilized TSH although stable at room temperature 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.

Biological Activity:

11.72 IU/mg vial by Centaur CP. Siemens Centaur CP is standardized against WHO 3rd IRP 81/565.