

Datasheet for ABIN934703

TSH Protein**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TSH
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human TSH protein Expression System: CHO cells
Purity:	> 98 % pure

Target Details

Target:	TSH
Alternative Name:	TSH (TSH Products)
Target Type:	Hormone
Background:	Thyroid-stimulating hormone (also known as TSH or thyrotropin) is a peptide hormone synthesized and secreted by thyrotrope cells in the anterior pituitary gland, which regulates the endocrine function of the thyroid gland. Alternative Names: Thyroid Stimulating Hormone protein, Thyroid Stimulation Hormone protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 0.0096 M PO₄, pH 7.4, with 0.136 M NaCl, and 0.1 % NaN₃.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.

Publications

Product cited in: Arufe, Lu, Lin: "Differentiation of murine embryonic stem cells to thyrocytes requires insulin and insulin-like growth factor-1." in: **Biochemical and biophysical research communications**, Vol. 381, Issue 2, pp. 264-70, (2009) ([PubMed](#)).