

Recombinant Chicken Thyroid Stimulating Hormone Beta (TSHb), N-His

Cat. No.: AP7F252

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Chicken Thyroid Stimulating Hormone Beta (TSHb), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 16.9 kDa. The purity is >90% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	16.9 kDa
Molecular Weight	16 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Thyrotropin subunit beta, also referred to as Thyroid Stimulating Hormone Beta, is encoded by the *TSHB* gene in chickens. It is essential for regulating thyroid structure and metabolism.

Protein	Chicken Thyroid Stimulating Hormone Beta (TSHb)
Protein Synonym	Thyrotropin subunit beta; TSHB; Thyroid-stimulating hormone subunit beta (TSH-B; TSH-beta); Thyrotropin beta chain
Gene ID	395937
UniProt ID	Q57340

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. Aliquot the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.