

Thyroid Stimulating Hormone Beta Recombinant Protein | beta-TSH recombinant protein

Recombinant Human Thyroid Stimulating Hormone Beta (Beta-TSH) Protein

CATALOG #
AAA55767

HOST
E. coli AA 21-132 (P01222).

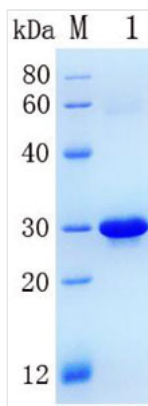
PRODUCT SYNONYMS

Thyroid Stimulating Hormone Beta; Recombinant Human Thyroid Stimulating Hormone Beta (Beta-TSH) Protein; TSH-B; TSHb; Thyrotropin beta chain; Thyrotropin alfa.; beta-TSH recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 21-132 (P01222).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, with 50% glycerol.
Concentration	0.51 mg/mL (varies by lot)
Sequence	FCIPTEYTMH IERRECA YCL TINTTICAGY CMTRDINGKL FLPKYALSQD VCTYRDFIYR TVEIPGCPLH VAPYFSYPVA LSCKCGKCNT DYSDCIHEAI KTN YCTKPQK SY
Source	Human
Tag	with N-terminal 6×His-SUMO-tagged.
Usage	Beta-TSH Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. The recombinant protein is stable for up to 6 months from date of receipt at -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for beta-TSH recombinant protein	Thyrotropin-stimulating hormone (TSH) is a noncovalently linked glycoprotein heterodimer and is part of a family of pituitary hormones containing a common alpha subunit (TSHA) and a unique beta subunit that confers specificity.Using bovine TSHB cDNA as probe, Hayashizaki et al. (1985) cloned TSHB from human liver and leukocyte genomic DNA libraries. Human TSHB encodes a deduced protein consisting of a 20-amino acid signal sequence, a mature protein of 112 amino acids, and a C-terminal extension of 6 hydrophobic amino acids. Wondisford et al. (1988) also cloned the human TSHB gene.Wondisford et al. (1988) determined that the TSHB gene contains 3 exons, the first of which is noncoding. The rat TSHB gene also contains one 5-prime noncoding exon, whereas the mouse Tshb gene contains 3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225542842
UniProt Accession #	P01222
Molecular Weight	Predicted MW: 28.9 kDa Observed MW: 29 kDa
NCBI Official Full Name	thyroid stimulating hormone beta
UniProt Protein Name	Thyroid stimulating hormone beta
UniProt Gene Name	TSH beta
UniProt Entry Name	C0M1B0_9AVES

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tsh-beta-recombinant-protein-e-coli-aa-21-132/55767>