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TSHB, 21-138aa, Human, His tag, E.coli

产品货号: TP04322

第三版

**别名:**Thyrotropin subunit beta precursor, Thyroid stimulating hormone, beta, TSH-B, TSH-BETA

**描述:**The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimmers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. TSHB is the beta subunit of thyroid stimulating hormone. Mutations in this gene result in congenital hypothyroidism. Recombinant human TSHB protein, fused to His-tag at N-terminus, was expressed in E.coli

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

**分子量:**15.9kDa (141aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSFICPTEYTMHIERRECAAYCLTINTTICAGYCMTRDINGKLFLPKYALSQDVCTYRDFI  
YRTVEIPGCPLHVAPYFYPVALSCKCGKCNTDYSDCIHEAIKNTNYCTKPQKSYLVGFSV

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.