

Recombinant Mouse TSHB and TSHA Protein, His tagged

Cat. No. TSHB-TSHA-04M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse TSHB and TSHA Protein, (one mutant and Ala25-Ser116) with His tag was expressed in CHO. |
| Species | Mouse |
| Source | CHO |
| ProteinLength | TSHB: one mutant TSHA: Ala25-Ser116 |
| Description | Thyroid-stimulating hormone, commonly called TSH and also referred to as thyrotropin, is a hormone that your pituitary gland releases to trigger your thyroid to produce and release its own hormones-thyroxine (T4) and triiodothyronine (T3). These two hormones are essential for maintaining your body's metabolic rate-the speed at which your body transforms the food you eat into energy and uses it. |
| Molecular Mass | ~ 15 kDa |
| AA Sequence | MANCFFPNMLCPRMFAHIETSSTGLHHHHHH MAPDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLRSKKTMLVQKNVTS ESTCCVAKSYNRVTVMGGFKVENHTACHCSTCYHKSHHHHHH |
| Endotoxin | < 1 EU/μg protein by LAL |
| Purity | > 80% by SDS-PAGE |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|-----------------------|---|
| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Concentration | 1.55 mg/mL |
| Storage Buffer | Supplied in PBS buffer, pH 7.4 |

GENE INFORMATION

Official Symbol TSHB, TSHA

Synonyms

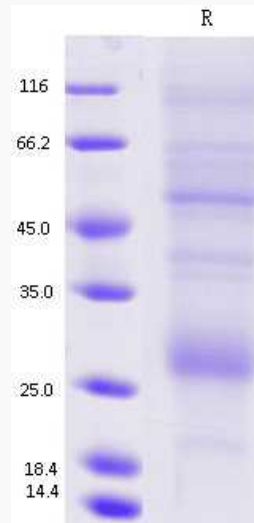
TSHB; thyroid stimulating hormone subunit beta; TSH-B; TSH-BETA; thyrotropin subunit beta; thyroid stimulating hormone beta; thyrotropin beta chain; CGA; glycoprotein hormones, alpha polypeptide; HCG; LHA; FSHA; GPA1; GPHa; TSHA; GPHA1; CG-ALPHA; glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; anterior pituitary glycoprotein hormones common subunit alpha; choriogonadotropin alpha chain; chorionic gonadotrophin subunit alpha; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha chain; follicle-stimulating hormone alpha subunit; follitropin alpha chain; luteinizing hormone alpha chain; lutropin alpha chain; thyroid-stimulating hormone alpha chain; thyrotropin alpha chain

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE analysis
profile of purified
TSHB&TSHA**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA