
Recombinant dog TSH Alpha/Beta Heterodimer protein, C-His (HEK293)

Catalog Number: bs-43168P

Concentration: >0.5mg/ml

Species: Dog

AA Seq: 25-120/120 & 21-132/138

Predicted MW: 24.7 kDa

Tags: C-His

Endotoxin: Not analyzed

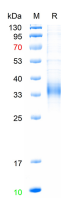
Purity: >90% as determined by SDS-PAGE

Purification: AC

Storage: Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers 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. The protein encoded by this gene is the beta subunit of thyroid stimulating hormone. Mutations in this gene are associated with congenital central and secondary hypothyroidism and Hashimoto's thyroiditis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013]

VALIDATION IMAGES



The purity of the protein is greater than 85% as determined by reducing SDS-PAGE.