

Recombinant Dog TSHB protein, His & GST-tagged

Cat. No. TSHB-7934D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog TSHB aa. (Ser20~Ile138 (Accession # P54828)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ser20~Ile138
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 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

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

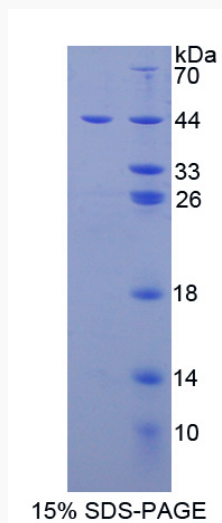
Gene Name	TSHB thyroid stimulating hormone beta [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	TSHB
Synonyms	TSHB; thyrotropin subunit beta; TSH-B; TSH-beta; thyroid-stimulating hormone subunit beta; thyrotropin beta chain
Gene ID	403973
mRNA Refseq	NM_001003290.2
Protein Refseq	NP_001003290.1
UniProt ID	P54828

 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



 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