

## Recombinant Dog TSHB protein, His & GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog TSHB aa. (Ser20~Ile138 (Accession # P54828)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Dog
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser20~Ile138
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 43.7kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.2.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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

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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 [ *Canis lupus familiaris* (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**

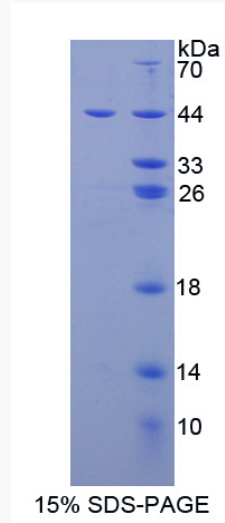
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**SDS-PAGE**



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