Recombinant Cattle TH protein, His & GST-tagged

Cat. No. TH-6961C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle TH aa. (Ala45~Pro214 (Accession # P17289)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ala45~Pro214
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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	TH tyrosine hydroxylase [Bos taurus (cattle)]
Official Symbol	TH
Synonyms	TH; tyrosine 3-monooxygenase; tyrosine 3-hydroxylase
Gene ID	280707
mRNA Refseq	NM_173884.2
Protein Refseq	NP_776309.1
UniProt ID	P17289

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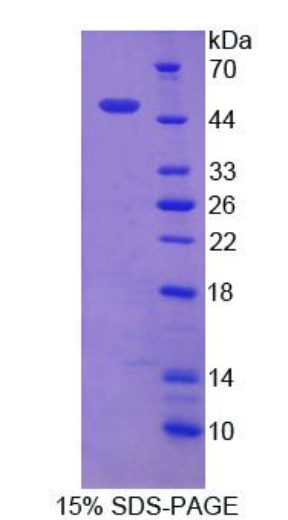
SDS-PAGE	 15% SDS-PAGE

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