

## Recombinant Cattle TGFB3 protein, His & GST-tagged

Cat. No. TGFB3-2003C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cattle TGFB3 aa. (Glu314~Ala412 (Accession # A6QP91)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Cattle
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu314~Ala412
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 43.9kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Characteristic</b>	The isoelectric point is 6.7.
<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% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

TGFB3 transforming growth factor beta 3 [ Bos taurus (cattle) ]

**Official Symbol**

TGFB3

**Synonyms**

PTPN22; protein tyrosine phosphatase, non-receptor type 22; LYP; PEP; LYP1; LYP2; PTPN8; PTPN22.5; PTPN22.6; tyrosine-protein phosphatase non-receptor type 22; PEST-domain phosphatase; hematopoietic cell protein-tyrosine phosphatase 70Z-PEP; lymphoid-specific protein tyrosine phosphatase; protein tyrosine phosphatase, non-receptor type 22 (lymphoid); protein tyrosine phosphatase, non-receptor type 8

**Gene ID**

538957

**mRNA Refseq**

NM\_001101183.1

**Protein Refseq**

NP\_001094653.1

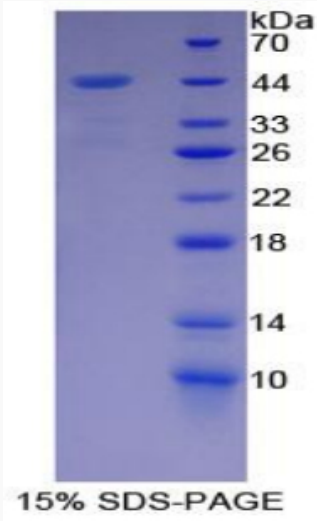
**UniProt ID**

A6QP91

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SDS-PAGE

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