

Recombinant Chicken TGFB1 protein, His-tagged

Cat. No. TGFB1-526C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken TGFB1 aa. (Asp260~Ser373 (Accession # P09531)) fused with N-terminal His tag was produced in E. coli cells.
Species	Chicken
Source	E.coli
ProteinLength	Asp260~Ser373
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.6kDa
Endotoxin	<1.0EU per 1g (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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor beta 1 [Gallus gallus (chicken)]
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor beta 1; TGFB4; TGF-beta4; transforming growth factor beta-1; LOW QUALITY PROTEIN: transforming growth factor beta-1; TGF-beta-1; tissue growth factor-beta4; transforming growth factor beta 4
Gene ID	100873157
mRNA Refseq	NM_001318456.1
Protein Refseq	NP_001305385.1
UniProt ID	P09531

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