

## Recombinant Chicken TXN Protein, His-tagged

**Cat. No.** TXN-492C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Chicken TXN Protein (Met1-Val105) with N-His tag was expressed in E. coli.
<b>Species</b>	Chicken
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val105
<b>Description</b>	Participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 15.4 kDa Accurate Molecular Mass: 17 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution** Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name** TXN thioredoxin [ Gallus gallus (chicken) ]

**Official Symbol** TXN

**Synonyms** TXN; thioredoxin; thioredoxin; trx

**Gene ID** 396437

**mRNA Refseq** NM\_205453

**Protein Refseq** NP\_990784

**UniProt ID** P08629

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