

Recombinant Chicken TXN Protein, His-tagged

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

SPECIFICATION

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