

# Recombinant Chicken SOX1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08304

**Protein Name:** Sry-Box Sry-Related Hmg-Box Gene Transcription Factor Sox-Sry-Box Transcription Factor Sry (Sex Determining Region Y)-Box 1 (SOX1)

**Aliases:** SRY-box SRY-related HMG-box gene transcription factor SOX-SRY-box transcription factor SRY (sex determining region Y)-box 1

**UniProt ID:** O00570

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O00570/entry>

**Species Source:** Gallus gallus (Chicken)

**Expression System:** E.coli

**Protein Length:** Full Length (1-373aa)

**Molecular Weight:** 43.0 kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (1-373aa)

MYSMMMETDLHSPGGAPAPGGGLSGQSGAGGGGGGGGGGGGGKAGQDRVKRP  
MNAFMVWSRGQRRKMAQENPKMHNSEISKRLGAEWKVMSEAEKRPFIDEAKRLR  
ALHMKEHPDYKYRPRRKTLLKDKYSLAGLLGAGPAAGGPPAVGVGMGVGVI  
PGGVGQRLESPGGAAGGGYAHMNGWANGAYPGSVAAAAAAAAAMMQEAQLAYG  
QHPGGGGHPPHPPHPPHPPHNPQPMHRYDMGALQYSPISNSQGYVSASPSGY  
GALPYGSQPHQNSAAAAAAAAAAAAAASSGALGALGSLVKSEPSVSPVTSRSHRAP  
CPGDLREMISMYPGGEGGDPAAAAAQSLHSLPQHYQSASTGVNGTVPLTHI

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Chicken SOX1 full length protein (1-373aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification.

SOX1, also known as SRY-box SRY-related HMG-box gene transcription factor SOX-SRY-box transcription factor SRY (sex determining region Y)-box 1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.