

## Recombinant Chicken T-Box Transcription Factor T (TBXT)

**Cat. No.:** AP2C317

**Product Type:** Animal Proteins

**Size:** 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Chicken T-Box Transcription Factor T (TBXT) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 47.3 kDa. The purity is >90% (SDS-PAGE).

### Specifications

|                            |                                         |
|----------------------------|-----------------------------------------|
| Type                       | Recombinant Protein                     |
| Species                    | Chicken                                 |
| Expression System          | <i>E.coli</i>                           |
| Purity                     | >90% (SDS-PAGE)                         |
| Predicted Molecular Weight | 47.3 kDa                                |
| Physical State             | Lyophilized                             |
| Formulation                | Tris/PBS-based buffer, 5%-50% glycerol. |

### Target Information

Chicken T-box transcription Factor T (TBXT) is an embryonic nuclear transcription factor involved in mesoderm formation and differentiation. It binds to the palindromic T-site through its N-terminal region to regulate cell proliferation and migration during embryonic development. Additionally, TBXT participates in the regulation of the Wnt signaling pathway, affecting embryonic morphogenesis.

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Protein         | Chicken T-Box Transcription Factor T (TBXT)                       |
| Protein Synonym | TBXT; TT-box transcription factor T; Brachyury protein; Protein T |
| Gene ID         | <a href="#">395782</a>                                            |
| UniProt ID      | <a href="#">P79777</a>                                            |

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.