

## Recombinant Rat Tbx21 protein, His & T7-tagged

**Cat. No.** Tbx21-1499R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Rat Tbx21 aa. (Leu241~Arg493 (Accession # D3ZCM2)) fused with N-terminal His & T7 tag was produced in E. coli cells.  |
| <b>Species</b>          | Rat   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Leu241~Arg493   |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 31.7kDa   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)   |
| <b>Purity</b>           | >95%  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.  |
| <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°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. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at   |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 6.1

## GENE INFORMATION

**Gene Name** Tbx21 T-box 21 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol** Tbx21

**Synonyms** Tbx21; T-box 21; T-box transcription factor TBX21

**Gene ID** 303496

**mRNA Refseq** NM\_001107043.1

**Protein Refseq** NP\_001100513.1

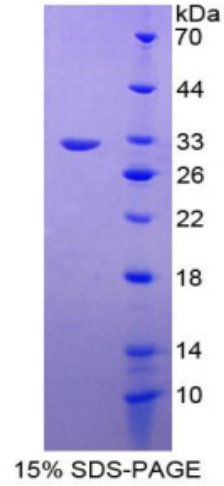
**UniProt ID** D3ZCM2

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**SDS-PAGE**



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