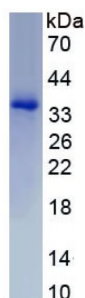
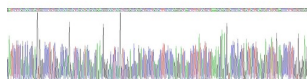


Human T-Box Protein 4 (TBX4) Protein

Catalogue No.: abx165868



SDS-PAGE analysis of recombinant Human T-Box Protein 4 Protein.



Gene sequencing extract of recombinant Human T-Box Protein 4 Protein.

Human T-Box Protein 4 is a recombinant Human protein expressed in *E. coli*.

This protein is the immunogen for the following antibodies: [abx128881](#)

Target: T-Box Protein 4 (TBX4)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 22 Jun 2025



UniProt Primary AC: P57082 ([UniProt](#), [ExPASy](#))

Gene Symbol: TBX4

GeneID: [9496](#)

HGNC: 11603

KEGG: hsa:9496

Molecular Weight: Calculated MW: 32.7 kDa

Observed MW (SDS-PAGE): 36 kDa

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Leu284-Gly545

Sequence: LSATPDV GPLLGTHQAL QHYQHENGHAH SQAEPQDLP LSTFPTQRDS SLFYHCLKRR
DGTRHLDLPC KRSYLEAPSS VGEDHYFRSP PPYDQQLSP SYCSEVTPRE ACMYSGSGPE
IAGVSGVDDL PPPPLSCNMW TSVSPYTSYS VQTMETVPYQ PFPHTFTATT MMPRLPTLSA
QSSQPPGNAH FSVYNQLSQS QVRERGPSAS FPRERGLPQG CERKPPSPHL NAANFLYSQ
TFSLSRESSL QYHSGMGTV E NWT DG

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 100 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.