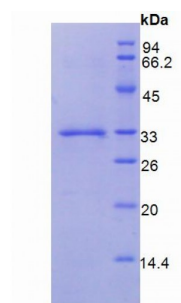


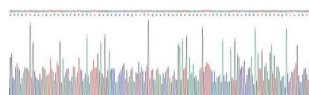
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Human Tissue Factor (TF) Protein

Catalogue No.: abx069314



SDS-PAGE analysis of Human Tissue Factor Protein.



Gene sequencing extract of Human Tissue Factor.

Recombinant Tissue Factor (TF) is a recombinant protein from Human. It is produced in *E. coli* using Prokaryotic expression.

Target: Tissue Factor (TF)

Origin: Human

Host: *E. coli*

Tested Applications: WB, SDS-PAGE

Purity: > 97%

Form: Lyophilized

Reconstitution: Reconstitute in 100 mM NaHCO₃, 500 mM NaCl, pH 8.3, to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Conjugation: Unconjugated

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.

Expression: Recombinant

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Molecular Weight: Calculated MW: 26.0 kDa
Observed MW (SDS-PAGE): 33 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.

Swiss Prot: [P13726](#)

Sequence Fragment: Gly34-Glu251

Sequence: GTTNTVA AYNLTWKSTN FKILEWEPK PVNQVYTVQI STKSGDWKSK CFYTTDTECD
LTDEIVKDVK QTYLARVFSY PAGNVSTGS AGEPLYENSP EFTPYLETNL GQPTIQSFEQ
VGTKVNVTV DERTLVRRNN TFLSLRDVFG KDLIYTLYYW KSSSSGKKTA KTNTNEFLID
VDKGENYCFS VQAVIPSRTV NRKSTDSPVE CMGQEKGEFR E

Tag: N-terminal His-tag

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Buffer: Prior to lyophilization: 100 mM NaHCO₃, 500 mM NaCl, pH 8.3, containing 0.01% Sarcosyl, 5% Trehalose.

Note: This product is for research use only.