

## Product datasheet for TP323601

### TRF2 (TERF2) (NM\_005652) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human telomeric repeat binding factor 2 (TERF2), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC223601 representing NM\_005652  
**Red**=Cloning site **Green**=Tags(s)

MAGGGGSSDGS GRAAGRRASRSSGRARRGRHEPGLGGPAERGAGEARLEEAVNRWVLKIFYHEALRAFRG  
SRYGDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRIEENLDCSFDMEAELTPLESAINVLEMILK  
TEFTL TEAVVSSRKLVK EAAVIICIKNKEFEKASKILKKHMSKDPTTQKLRNDLLNIIREKNLAHPVIQ  
NFSYETFQQKMLRFLESHLDDAEPYLLTMAKKALKSESAASSTGKEDKQPAPGPVEKPPREPARQLRNPP  
TTIGMMTLKA AFKTL SGAQDSEAAFAKLDQKDLVLP TQALPASPALKNKRPRK DENESSAPADGEGGSEL  
QPKNKRMTISRLVLEEDSQSTEPSAGLNSSQEASAPPSKPTVLNQPLPGEKNPKVPKGKWNSSNGVEEK  
ETWVEEDEL FQVQAAPDEDSTTNITKKQKWTVEESEWVKAGVQKYGEGNWA AISKNYPFVNRTAVMIKDR  
WRMTMKRLGMN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 55.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_005643](#)

Locus ID: 7014

UniProt ID: [Q15554](#)

RefSeq Size: 2909

Cytogenetics: 16q22.1

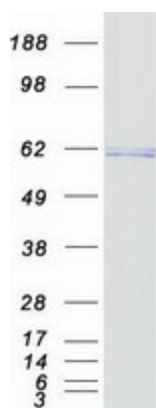
RefSeq ORF: 1500

Synonyms: TRBF2; TRF2

**Summary:** This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified TERF2 protein (Cat# TP323601). The protein was produced from HEK293T cells transfected with TERF2 cDNA clone (Cat# [RC223601]) using MegaTran 2.0 (Cat# [TT210002]).