

# Product datasheet for TP323601M

#### OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human telomeric repeat binding factor 2 (TERF2), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC223601 representing NM\_005652 **or AA Sequence:** Red=Cloning site Green=Tags(s)

MAGGGGSSDGSGRAAGRRASRSSGRARRGRHEPGLGGPAERGAGEARLEEAVNRWVLKFYFHEALRAFRG SRYGDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRIEEGENLDCSFDMEAELTPLESAINVLEMIK TEFTLTEAVVESSRKLVKEAAVIICIKNKEFEKASKILKKHMSKDPTTQKLRNDLLNIIREKNLAHPVIQ NFSYETFQQKMLRFLESHLDDAEPYLLTMAKKALKSESAASSTGKEDKQPAPGPVEKPPREPARQLRNPP TTIGMMTLKAAFKTLSGAQDSEAAFAKLDQKDLVLPTQALPASPALKNKRPRKDENESSAPADGEGGSEL QPKNKRMTISRLVLEEDSQSTEPSAGLNSSQEAASAPPSKPTVLNQPLPGEKNPKVPKGKWNSSNGVEEK ETWVEEDELFQVQAAPDEDSTTNITKKQKWTVEESEWVKAGVQKYGEGNWAAISKNYPFVNRTAVMIKDR

WRTMKRLGMN

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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.



#### TRF2 (TERF2) (NM\_005652) Human Recombinant Protein - TP323601M

**RefSeq:** NP 005643

**Locus ID:** 7014

UniProt ID: Q15554
RefSeq Size: 2909
Cytogenetics: 16q22.1
RefSeq ORF: 1500

Synonyms: TRBF2; TRF2

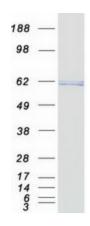
**Summary:** This gene encodes a telomere specific protein, TERF2, which is a component of the telomere

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]).