

## Product datasheet for TP506702

### Terf1 (NM\_009352) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse telomeric repeat binding factor 1 (Terf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR206702 protein sequence  
Red=Cloning site Green=Tags(s)

MAETVSSAARDAPSREGWTDSDSPEQEEVGDDAELLQCQLQLGTPREMENAELVAEVEAVAAGWMLDFLC  
LSLCRAFRDGRSEDFRRTDSDAEAIHGLHRLTAYQLKTVYICQFLTRVASGKALDAQFEVDERITPLES  
ALMIWNSIEKEHDKLHDEIKNLIQAVAVCMEIGSFKEAEVFERIFGDPEFYTPLERKLLKIISQKDV  
FHSLFQHFSYSCMMEKIQSYVGDVLSKSSSTFLMKAATKVVENEKARTQASKDRPDATNTGMDTEVGLNK  
EKSVNGQQSTETEPLVDTVSSIRSHKNALSQKHHRRAPSDFSRNEARTGTLQCETTMERNRRTSGRNRLC  
VSENQPDTDKSGRRKRQTWLWEEDRILKCGVKKYGEGNWAKILSHYKFNNRTSVMLKDRWRMTMKRLKLI  
S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 48.2 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

**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 after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_033378](#)

**Locus ID:** 21749



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UniProt ID: [P70371](#)

RefSeq Size: 2268

Cytogenetics: 1 4.88 cM

RefSeq ORF: 1266

Synonyms: P; Pin2; Trbf; Trbf1; Trf; Trf1

**Summary:** This gene encodes a protein that binds to repeats in telomeres to form a nucleoprotein complex that protects against the degradation of chromosomal ends. The encoded protein regulates the length of telomeres and is an integral structural component of the functional telomere. This protein is thought to play a role in spindle formation in mitosis. Mutations in this gene are associated with bone marrow failure. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2013]