

## Recombinant Mouse Terf1 Protein, Myc/DDK-tagged

Cat. No. Terf1-6358M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length telomeric repeat binding factor 1 (Terf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	48.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Terf1 telomeric repeat binding factor 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** Terf1

**Synonyms** TERF1; telomeric repeat binding factor 1; telomeric repeat-binding factor 1; TTAGGG repeat-binding factor 1; Pin2; Trf1; Trbf1

**Gene ID** 21749

**mRNA Refseq** NM\_009352

**Protein Refseq** NP\_033378

**UniProt ID** P70371

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA