

Recombinant Mouse Terf1 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

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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

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