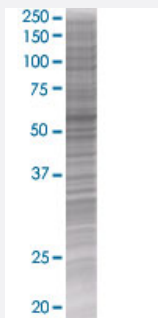


TERF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007013-T01

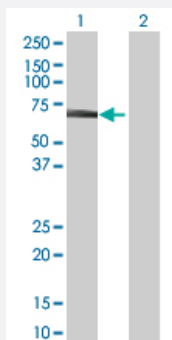
Size 100 uL

Applications



SDS-PAGE Gel

TERF1 transfected lysate.



Western Blot

Lane 1: TERF1 transfected lysate (48.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TERF1 full-length
Host	Human
Theoretical MW (kDa)	48.4
Interspecies Antigen Sequence	Mouse (65); Rat (66)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TERF1 antibody ([H00007013-B01](#)) by Western Blots.
SDS-PAGE Gel
TERF1 transfected lysate.
Western Blot
Lane 1: TERF1 transfected lysate (48.4 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TERF1

Entrez GeneID [7013](#)

GeneBank Accession# [NM_017489](#)

Protein Accession# [NP_059523](#)

Gene Name TERF1

Gene Alias FLJ41416, PIN2, TRBF1, TRF, TRF1, hTRF1-AS, t-TRF1

Gene Description telomeric repeat binding factor (NIMA-interacting) 1

Omim ID [600951](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a telomere specific protein which is a component of the telomere nucleoprotein complex. This protein is present at telomeres throughout the cell cycle and functions as an inhibitor of telomerase, acting in cis to limit the elongation of individual chromosome ends. The protein structure contains a C-terminal Myb motif, a dimerization domain near its N-terminus and an acidic N-terminus. Two transcripts of this gene are alternatively spliced products. [provided by RefSeq]

Other Designations

telomeric repeat binding factor 1|telomeric repeat binding protein 1

Disease

- [Anemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)