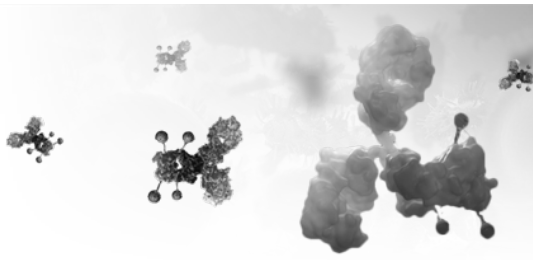

Human TERF1 blocking peptide (CDBP2947)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TERF1/PIN2 antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TERF1 telomeric repeat binding factor (NIMA-interacting) 1 [Homo sapiens (human)]
Official Symbol	TERF1
Synonyms	TERF1; telomeric repeat binding factor (NIMA-interacting) 1; TRF; PIN2; TRF1; TRBF1; t-TRF1; hTRF1-AS; telomeric repeat-binding factor 1; NIMA-interacting protein 2; telomeric

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	protein Pin2/TRF1; TTAGGG repeat-binding factor 1;
Entrez Gene ID	7013
mRNA Refseq	NM_003218.3
Protein Refseq	NP_003209.2
UniProt ID	P54274
Chromosome Location	8q21.11
Pathway	Cell Cycle, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Damage/Telomere Stress Induced Senescence, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem; Packaging Of Telomere Ends, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem; Shelterin complex, organ
Function	DNA binding; DNA binding, bending; chromatin binding; double-stranded telomeric DNA binding; microtubule binding; protein binding; protein heterodimerization activity; protein homodimerization activity; telomeric DNA binding;

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