Recombinant Human TERF2 Protein, Myc/DDK-tagged

Cat. No. TERF2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human telomeric repeat binding factor 2 (TERF2) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic.
Molecular Mass	55.4 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.
Concentration	>50 μg/mL as determined by microplate BCA method

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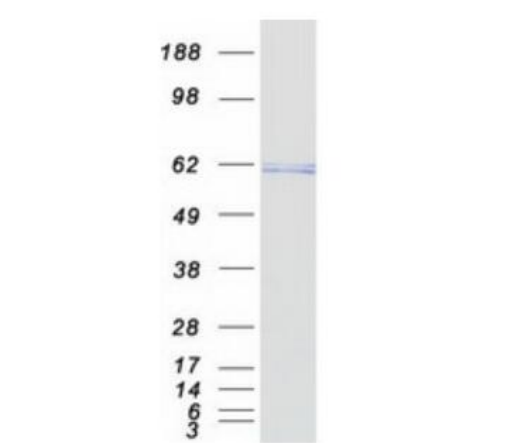
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	TERF2 telomeric repeat binding factor 2 [Homo sapiens (human)]
Official Symbol	TERF2
Synonyms	TERF2; telomeric repeat binding factor 2; TRF2; TRBF2; telomeric repeat-binding factor 2; TTAGGG repeat-binding factor 2; telomeric DNA-binding protein; telomeric repeat binding protein 2
Gene ID	7014
mRNA Refseq	NM_005652
Protein Refseq	NP_005643
MIM	602027
UniProt ID	Q15554

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SDS-PAGE



Coomassie blue staining of purified TERF2 protein. The protein was produced from HEK293T cells transfected with TERF2 cDNA clone using MegaTran 2.0.

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