

Recombinant Human TERF1 protein(Met1-Asp419), His-tagged

Cat. No. TERF1-875H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TERF1 isoform 2 (NP_003209.2) (Met 1-Asp 419) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Asp419
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human TERF1 consists of 438 amino acids and predicts a molecular mass of 50.5 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TERF1 telomeric repeat binding factor (NIMA-interacting) 1 [Homo sapiens]

Official Symbol TERF1

Synonyms TERF1; telomeric repeat binding factor (NIMA-interacting) 1; TRBF1; telomeric repeat-binding factor 1; PIN2; TRF; TRF1; NIMA-interacting protein 2; telomeric protein Pin2/TRF1; TTAGGG repeat-binding factor 1; t-TRF1; hTRF1-AS; FLJ41416;

Gene ID 7013

mRNA Refseq NM_003218

Protein Refseq NP_003209

MIM 600951

UniProt ID P54274

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