

Recombinant Human TERF2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. TERF2-353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TERF2 MS Standard C13 and N15-labeled recombinant protein (NP_005643) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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. [provided by RefSeq, Jul 2008]
Molecular Mass	55.4 kDa
AA Sequence	MAGGGGSSDGSRAAGRRASRSSGRARRGRHEPGLGGPAERGAGEARLEEAVN RWVLKFYFHEALRAFRGSRYGDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRI EEGENLDCSFDMEAELTPLESAINVLEMIKTEFTLTEAVVESSRKLVEAAVVICIKNKE FEKASKILKKHMSKDPTTQKLRNDLLNIIREKNLAHPVIQNFYSYETFQQKMLRFLESHL DDAEPYLLTMAKKALKSESAASSTGKEDKQPAPGPVEKPPPREPARQLRNPPTTIGM MTLKAAFKTLGAQDSEAAFAKLDQKDLVLPTQALPASPALKNKRPRKDENESSAPA DGEKGSELQPKNKRMTISRLVLEEDSQSTEPSAGLNSSQEAASAPPSKPTVLNQPL

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PGEKNPKVPKGKWNSSNGVEEKETWVEEDELQVQAAPDEDSTTNITKKQKWTVE
ESEWVKAGVQKYGEGNWAASISKNYPFVNRTAVMIKDRWRTMKRLGMNTRTRPLEQ
KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TERF2 telomeric repeat binding factor 2 [Homo sapiens (human)]

Official Symbol TERF2

Synonyms TERF2; telomeric repeat binding factor 2; TRBF2; telomeric repeat-binding factor 2; TRF2; telomeric DNA-binding protein; TTAGGG repeat-binding factor 2; telomeric repeat binding protein 2;

Gene ID 7014

mRNA Refseq NM_005652

Protein Refseq NP_005643

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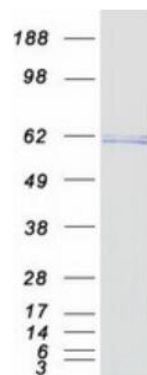
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MIM 602027

UniProt ID Q15554

SDS-PAGE



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