

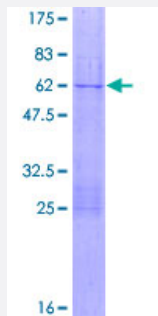
Full-Length

TERF2 (Human) Recombinant Protein (P01)

Catalog # H00007014-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TERF2 full-length ORF (AAH24890.1, 1 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGGGGSSDGSGRAAGRRASRSSGRARRGRHEPGLGGAERGAGEARLEEAVNRWVLKFYF
HEALRAFRGSRYGDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRIEENLDCSFDMEAEL
TPLESAINVLEMIKTEFTLTEAVVESSRKLVKAAVVICIKNKEFEKASKILKKHMSKDPTTQKLNDL
LNIIREKNLAHPVIQNFYSYETFQQKMLRFLESHLDDAEPYLLTVRLGPSPITMVCP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TERF2

Entrez GeneID [7014](#)

GeneBank Accession# [BC024890.1](#)

Protein Accession# [AAH24890.1](#)

Gene Name TERF2

Gene Alias TRBF2, TRF2

Gene Description telomeric repeat binding factor 2

Omim ID [602027](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations telomeric repeat binding protein 2

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](#)