9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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TCEAL7 Human

Transcription Elongation Factor A (SII)-Like 7 Human Recombinant
RCP2341

Product Overview

Name	TCEAL7 Human

Description

Transcription Elongation Factor A (SII)-Like 7 Human Recombinant

Accession (Primary)	Q9BRU2

Synonyms

Transcription elongation factor A (SII)-like 7, TCEA-like protein 7, transcription elongation factor A protein-like 7, MGC23947, MPMGp800C04260Q003.

Introduction

Transcription Elongation Factor A (SII)-Like 7 (TCEAL7) has a role in the negative regulation of NF-kappa-B signaling at the basal level by controlling transcriptional activity of NF-kappa-B on its target gene promoters. TCEAL7 links with cyclin D1 promoter containing Myc E-box sequence and transcriptionally inhibits cyclin D1 expression. TCEAL7 regulates telomerase reverse transcriptase expression and telomerase activity in both alternative lengthening of telomeres (ALT) and telomerase-positive cell lines. TCEAL7 is highly expressed in normal and fetal brain tissues, and weakly expressed in the uterus and ovary. TCEAL7 is down-regulated in epithelial ovarian, cervical, prostate, breast, brain and lung cancer cell lines and in the brain and ovarian tumors.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The TCEAL7 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 50% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MQKPCK ENEGKPKCSV PKREEKRPYG EFERQQTEGN FRQRLLQSLE

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EFKEDIDYRH FKDEEMTREG DEMERCLEEI RGLRKKFRAL HSNHRHSRDR PYPI

Precautions

TCEAL7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BRU2)