

Product sheet

CTX TNA2 | 305333

General information

**Description** CTX TNA2 is a cell line derived from a human patient with a specific condition. It is characterized by its unique genetic profile and is used for research purposes. The cells are maintained in a specific culture medium and are known for their stability and reproducibility. CTX TNA2 cells are used to study the underlying mechanisms of the disease and to test potential therapeutic interventions. The cell line is well-suited for in vitro studies and has been shown to exhibit similar characteristics to the primary cells from which it was derived.

**Organism** Human

**Tissue** Blood, Bone marrow

Characteristics

**Breed/Subspecies** Human

**Age** Adult

**Morphology** Fibroblastic

**Cell type** Fibroblast

**Growth properties** Adherent

Identification

**Citation** CTX TNA2 (Cytion 305333)

**Biosafety level** 2

**NCBI\_TaxID** 10116

**CellosaurusAccession** CVCL\_3670

Associated viruses

**Viruses** Adenovirus 40 (SV40)

Additional information

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**Culture Medium** DMEM, w: 4.5 g/L  $\beta$ -glucuronidase, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO<sub>3</sub>, w: 1.0 mM  $\beta$ -mercaptoethanol (Cytion 820300a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** Cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized with 0.25% trypsin-EDTA (Cytion 820300a) for 3-5 minutes at 37°C. Cells are then washed with PBS and resuspended in fresh medium.

**Freeze medium** DMEM supplemented with 10% FBS, 10% DMSO, and 10% CM-1 (Cytion 800100).

- Thawing and Culturing Cells**
1. Thaw the vial quickly in a 37°C water bath.
  2. Dilute the cells into 10 mL of DMEM supplemented with 10% FBS.
  3. Seed the cells into a T25 flask.
  4. Allow the cells to attach for 24 hours.
  5. Change the medium to DMEM supplemented with 10% FBS.
  6. Harvest cells when confluency reaches 70-80%.
  7. Seed cells into a new flask.
  8. Continue to culture cells in DMEM supplemented with 10% FBS.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating**

**Freezing Procedure**

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**Shipping  
Conditions**

CTX TNA2 is shipped in a dry ice container. The container must be kept at -78°C.

**Storage  
Conditions**

CTX TNA2 should be stored at -150 to -196°C. The storage container must be kept at -150 to -196°C.

**CTX TNA2 / CTX TNA2 / HLA**

**Sterility**

CTX TNA2 is sterile and ready for use. PCR products are not included. The product is sterile and ready for use. The product is sterile and ready for use.