

Product sheet

**HNO223 | 300142**

**XXXXX XXXXX**

**Description** HNO223 is a cell line derived from a patient with HNSCC. It is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS. HNO223 is a cell line derived from a patient with HNSCC. It is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS. HNO223 is a cell line derived from a patient with HNSCC. It is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS.

**Organism** HNSCC

**Tissue** HNSCC

**Disease** HNSCC

**XXXXXXXXXX**

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** High growth rate, anchorage dependent

**XXXXXXXXXX XXXXXXXXXXXXXXXX**

**Citation** HNO223 (XXXXX XXXXXXXX Cytion 300142)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_D219

**XXXXXXXXXX XXXX-XXXXXXXXXXXXXX**

**XXXXXX**

# Product sheet

**HEK293T HNO223 | 300142**

**Culture Medium** DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO<sub>3</sub>, w: 1.0 mM sodium pyruvate (Cytion 820300a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Seed cells into fresh medium. Wash cells with PBS. Add 2-3 ml Trypsin to each well. Incubate at 37°C for 5-10 min. Add 3 ml medium to stop reaction. Pipette up cells into a 15 ml tube. Centrifuge at 300 x g for 5 min. Wash pellet with PBS. Resuspend in 1 ml medium. Seed into new wells.

**Fluid renewal** 2-3 times per week

**Freeze medium** Harvest cells into a 15 ml tube. Add 10% DMSO to the medium. Centrifuge at 300 x g for 5 min. Wash pellet with PBS. Resuspend in 1 ml medium. Seed into new wells.

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath. Add 10 ml medium to each well.
  2. Centrifuge at 300 x g for 5 min. Wash pellet with PBS. Resuspend in 1 ml medium.
  3. Seed cells into new wells. Incubate at 37°C for 24 hours.
  4. Check cell density. Harvest cells when reaching 70% confluency.
  5. Seed cells into new wells. Incubate at 37°C for 24 hours.
  6. Harvest cells into a 15 ml tube. Centrifuge at 300 x g for 5 min. Wash pellet with PBS. Resuspend in 1 ml medium.
  7. Seed cells into new wells. Incubate at 37°C for 24 hours.
  8. Harvest cells into a 15 ml tube. Centrifuge at 300 x g for 5 min. Wash pellet with PBS. Resuspend in 1 ml medium.

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

**Flask Coating** Poly-D-Lysine

