

HaCaT-ras II-4 | 300495

XXXXXXXXXX

Description
XXXXXXXXXX HaCaT-ras II-4

Organism XXXXXXXX

Tissue XXXXXXXX

Synonyms XXXXXXXX HaCaT-ras II-4 HaCaT II-4

XXXXXXXXXX

Age 62

Gender XXXXXXXX

Ethnicity XXXXXXXX

Cell type XXXXXXXX

Growth properties XXXXXXXX

XXXXXXXXXX

Citation HaCaT-ras II-4 (XXXXXXXXXX | XXXX 300495)

Biosafety level 1

NCBI\_TaxID 9606

CellosaurusAccession CVCL\_3868

# Product sheet

## HaCaT-ras II-4 | 300495

**GMO Status** GMO-S1: (HaCaT-ras II-4) Balb/c-nu/nu.

**Protein expression** P53 (+) cca (+),

**Tumorigenic** Balb/c-nu/nu.

**Karyotype** (46,XX)

**Culture Medium** DMEM 4.5g/l, 4g/l, 3.7g/l, 1.0g/l NaHCO<sub>3</sub> (8200)

**Supplements** 10% FBS

**Dissociation Reagent** 1:1 EDTA (0.05%), (0.1%) PBS Ca<sup>2+</sup> Mg<sup>2+</sup>

- Subculturing**
1. Seed cells into T25 flasks.
  2. Seed cells into T25 flasks (5-10 cells) into T75 flasks.
  3. Seed cells into T25 flasks (1-2 cells) into T25 flasks.
  4. Seed cells into T25 flasks (10 cells).
  5. Seed cells into T25 flasks (0.05% - 0.025% FBS).
  6. Seed cells into T25 flasks (1-2 cells).
  7. Seed cells into T25 flasks (FBS).
  8. Seed cells into T25 flasks.

**Seeding density** 1 × 10<sup>4</sup> cells

**Fluid renewal** 2 days

**Freeze medium** (10% FBS) + 10% DMSO

HaCaT-ras II-4 | 300495

Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of medium.
3. Seed the cells into a T75 flask containing 37 ml of medium.
4. Incubate the cells at 37°C in a humidified atmosphere with 5% CO2.
5. Monitor the cell growth and confluency. Once cells reach 70% confluency, passage them.
6. Perform a trypsin digest for 15 minutes. Add 8 ml of medium to stop the reaction.
7. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of medium.
8. Seed the cells into a T75 flask containing 37 ml of medium.

**Incubation Atmosphere** 37°C, 5% CO2, humidified atmosphere

**Flask Coating** None

**Freezing Procedure** Harvest cells at 70-80% confluency. Wash with PBS, trypsin digest, and resuspend in freezing medium. Aliquot into cryovials and store at -150°C.

**Shipping Conditions** Cells should be shipped at -78°C.

**Storage Conditions** Cells should be stored at -150°C to -196°C.

HLA

**Sterility** Cells are tested for mycoplasma contamination using PCR. No mycoplasma contamination was detected.