

Product sheet

**NS3-CMPK-hLBR1TM-mEGFP | 300986**

**General information**

<b>Description</b>	NS3-CMPK-hLBR1TM-mEGFP Flp, mEGFP
<b>Organism</b>	HeLa
<b>Tissue</b>	HeLa
<b>Disease</b>	NS3-CMPK
<b>Synonyms</b>	HeLa R19 FlpIn TReX H2B-Cherry/NS3-CMPK-hLBR1TM-mEGFP

**Cell culture**

<b>Age</b>	30 days
<b>Gender</b>	Male
<b>Ethnicity</b>	Caucasian
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

**Identification**

<b>Citation</b>	NS3-CMPK-hLBR1TM-mEGFP (Cytion 300986)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_UR51

**Protein expression**

<b>Protein expression</b>	H2B-mCherry -DOx NS3-CMPK-hLBR1TM-mEGFP
---------------------------	---

Product sheet

**NS3-CMPK-hLBR1TM-mEGFP | 300986**

**NS3-CMPK-hLBR1TM-mEGFP**

**Culture Medium** DMEM, w: 4.5 g/L  $\text{D-glucose}$ , w: 4 mM L- $\text{glutamine}$ , w: 3.7 g/L  $\text{NaHCO}_3$ , w: 1.0 mM  $\text{beta}$ - $\text{mercaptoethanol}$  ( $\text{beta}$ - $\text{mercaptoethanol}$  Cytion 820300a)

**Supplements**  $\text{beta}$ - $\text{mercaptoethanol}$  10% FBS, 0.5  $\mu\text{g}/\text{ml}$  G418

**Dissociation Reagent**  $\text{beta}$ - $\text{mercaptoethanol}$

**Subculturing** Cells are cultured in DMEM supplemented with 10% FBS and 0.5  $\mu\text{g}/\text{ml}$  G418. For subculturing, cells are trypsinized with 0.25% trypsin-EDTA in PBS, washed with PBS, and resuspended in DMEM supplemented with 10% FBS and 0.5  $\mu\text{g}/\text{ml}$  G418. Cells are seeded into new flasks at a density of 1-3  $\times 10^5$  cells per flask.

**Split ratio** 1:3

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

**Freeze medium** DMEM supplemented with 10% FBS and 10% DMSO (10% FBS + 10% DMSO) + CM-1

**Thawing and Culturing Cells**

1. Thaw cells quickly in a 37°C water bath, transfer to a pre-warmed medium, and centrifuge at 300 x g for 5 minutes.
2. Wash cells with PBS, resuspend in DMEM supplemented with 10% FBS and 0.5  $\mu\text{g}/\text{ml}$  G418, and seed into a new flask.
3. Incubate cells at 37°C in a humidified 5%  $\text{CO}_2$  atmosphere until cells reach 70-80% confluency.
4. Harvest cells by trypsinization with 0.25% trypsin-EDTA in PBS, wash with PBS, and resuspend in DMEM supplemented with 10% FBS and 0.5  $\mu\text{g}/\text{ml}$  G418.
5. Seed cells into a new flask at a density of 1-3  $\times 10^5$  cells per flask.
6. Incubate cells at 37°C in a humidified 5%  $\text{CO}_2$  atmosphere until cells reach 70-80% confluency.
7. Harvest cells by trypsinization with 0.25% trypsin-EDTA in PBS, wash with PBS, and resuspend in DMEM supplemented with 10% FBS and 0.5  $\mu\text{g}/\text{ml}$  G418.
8. Seed cells into a new flask at a density of 1-3  $\times 10^5$  cells per flask.

**Incubation Atmosphere** 37°C, 5%  $\text{CO}_2$ , humidified

**NS3-CMPK-hLBR1TM-mEGFP | 300986**

**Flask Coating**

Flask coating information, including details on the surface treatment of the flask.

**Freezing Procedure**

Freezing procedure information, including details on the freezing process and storage temperature (-78°C).

**Shipping Conditions**

Shipping conditions information, including details on the shipping process and storage temperature (-78°C).

**Storage Conditions**

Storage conditions information, including details on the storage process and storage temperature (-150 to 196).

**NS3-CMPK-hLBR1TM-mEGFP / NS3-CMPK-hLBR1TM-mEGFP / HLA**

**Sterility**

Sterility information, including details on the sterility testing and PCR analysis.