

Product sheet

**HMMy2 | 302008**

**HMMy2**

**Description** HMMy2 is a... B...  
HMMy2 is a... B, ...

**Organism** HMMy2

**Tissue** HMMy2

**Disease** HMMy2

**Applications** HMMy2, HMMy2 B, HMMy2, HMMy2, HMMy2

**Synonyms** LICR-Lon-HMy2, LICR-LON-HMy2, LICR.LON.HMy2, Licr.Lon.Hmy2, LICRLON/My2, HMy.2 B, LICR-2

**HMMy2**

**Age** 33 HMMy2

**Gender** HMMy2

**Ethnicity** HMMy2

**Morphology** HMMy2

**Cell type** HMMy2

**Growth properties** HMMy2

**HMMy2**

**Citation** HMMy2 (HMMy2 Cytion 302008)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_8119

# HEp2 | 302008

HEp2 - Cervix carcinoma

**Karyotype** 46, XY, XY

HEp2

**Culture Medium** RPMI 1640, w: 2.0 mM  $\text{CaCl}_2$ , w: 2.0 g/L  $\text{NaHCO}_3$  (HEPES buffered Cytion 820700a)

**Supplements** 10% FBS

**Subculturing** 1:5 to 1:10

**Seeding density**  $1 \times 10^5$  cells/cm<sup>2</sup>

**Fluid renewal** 3-5 days

**Post-Thaw Recovery** 1-2 weeks

**Freeze medium** RPMI 1640 + 10% FBS + 10% DMSO

## Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of culture medium.
4. Seed cells into a T75 flask at a density of 1.5 x 10<sup>5</sup> cells/cm<sup>2</sup>.
5. Incubate cells in a humidified 5% CO<sub>2</sub> incubator at 37°C.
6. Monitor cell growth and confluency.
7. Subculture cells when they reach 70-80% confluency.
8. Store cells in liquid nitrogen for long-term storage.

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,  $\alpha$ -MEM

**Flask Coating** CellTreat, CellTreat, CellTreat, CellTreat

**Freezing Procedure** Harvest cells, wash with PBS, resuspend in freezing medium, aliquot into 1ml vials, store at -78°C

**Shipping Conditions** Store at -78°C, ship on dry ice

**Storage Conditions** Store at -150 to -196°C

HLA

**Sterility** Sterile, PCR compatible

- HLA A\*: '02:01:01, '03:01:01
- B\*: '15:01:01, '35:03:01
- C\*: '03:04:01, '04:01:01
- DRB1\*: '04:01:01, '12:01:01
- DQA1\*: 03:01:01, 05:05:01
- DQB1\*: 03:01:01, 03:02:01
- DPB1\*: '03:01:01, '04:01:01
- E: 01:01, 01:03