

Product sheet

**Lec1 | 305010**

**General Information**

**Description** Lec1 is a cell line derived from CHO cells. It is a stable transfectant of the Pro-5 Lec1 CHO cell line. The cells are maintained in MEM medium supplemented with 2.0 mM L-glutamine. The cells are characterized by their high growth rate and ability to produce recombinant proteins. The cells are maintained in MEM medium supplemented with 2.0 mM L-glutamine. The cells are characterized by their high growth rate and ability to produce recombinant proteins. The cells are maintained in MEM medium supplemented with 2.0 mM L-glutamine. The cells are characterized by their high growth rate and ability to produce recombinant proteins.

**Organism** CHO Lec1

**Tissue** CHO Lec1

**Synonyms** CHO-Lec1, CHO Lec1, Pro-Lec1.3C, Pro-5 Lec1.3c, Pro-5WgaRI3C

**Characteristics**

**Age** 1

**Morphology** CHO Lec1

**Growth properties** CHO Lec1

**Identification**

**Citation** Lec1 (Cytion: 305010)

**Biosafety level** 1

**NCBI\_TaxID** 10029

**CellosaurusAccession** CVCL\_3440

**Media and Reagents**

**Media**

**Culture Medium** MEM, w: 2.0 mM L-glutamine, w/o: MEM, w/o: MEM, w: 1.0 mM L-glutamine, w: 2.2g

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**HEK293T Lec1 | 305010**

**Supplements**      10% FBS

**Dissociation Reagent**      100000

**Subculturing**      1. 24-well plates: 100000 cells in 1 ml DMEM + 10% FBS. 2. 96-well plates: 10000 cells in 100 µl DMEM + 10% FBS. 3. T25 flasks: 100000 cells in 5 ml DMEM + 10% FBS. 4. T75 flasks: 1000000 cells in 25 ml DMEM + 10% FBS. 5. T175 flasks: 10000000 cells in 100 ml DMEM + 10% FBS. 6. 293T cells are grown in DMEM supplemented with 10% FBS. 7. Cells are harvested by trypsinization and centrifugation. 8. Cells are resuspended in DMEM + 10% FBS.

**Seeding density**      2 x 10<sup>4</sup> - 4 x 10<sup>6</sup> cells

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

**Freeze medium**      DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw vials in a 37°C water bath.
  2. Dilute cells into 10 ml DMEM + 10% FBS.
  3. Seed cells into T25 flasks.
  4. Seed cells into 96-well plates.
  5. Seed cells into T75 flasks.
  6. Seed cells into T175 flasks.
  7. Seed cells into 293T flasks.
  8. Seed cells into 293T flasks.

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

**Shipping Conditions**      -78°C

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**Storage Conditions** XXXXXX XXXXX XXXXX, XX XXXXXX XX XXXXXXXXXXXXXXX XXXXXX XXXXXX XXXXX XX XXXX XXXXXXXXXXXXXXX XX -150 XX 196 XXXXXX XXXXXXX. XXXXXX XXXXXX

**XXXX XXXXXXX / XXXXXXX XXXXX / HLA**

**Sterility** XXXXXX XXXXXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXX XXXXXXX PCR XXXXXXX XXXXXX XXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXX.  
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