

Product sheet

IEC-6 | 302149

IEC-6

**Description** IEC-6 is a cell line derived from the embryonic kidney of a mouse. It is a fibroblast cell line that is widely used in research. IEC-6 is a cell line derived from the embryonic kidney of a mouse. It is a fibroblast cell line that is widely used in research.

**Organism** Mouse

**Tissue** Kidney

**Applications** Cell culture, research

**Synonyms** IEC 6, IEC6, mouse embryonic kidney cells, IEC 6

Characteristics

**Breed/Subspecies** CD-1 (CD(SD))

**Age** 18-24 weeks

**Gender** Male

**Morphology** Fibroblast

**Cell type** Fibroblast

**Growth properties** Adherent

References

**Citation** IEC-6 (ATCC CCL-22) | Cytion 302149

**Biosafety level** 1

**NCBI\_TaxID** 10116

**CellosaurusAccession** CVCL\_0343

HEK293T IEC-6 | 302149

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HEK293T

**Culture Medium** DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO3, w: 1.0 mM sodium pyruvate (Cytion 820300a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Seed cells into 25 cm<sup>2</sup> flasks in DMEM + 10% FBS. When cells reach 70-80% confluency, trypsinize and seed into new flasks.

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

**Thawing and Culturing Cells**

- 1. Thaw cells in a 37°C water bath.
- 2. Dilute cells into DMEM + 10% FBS.
- 3. Seed cells into 25 cm<sup>2</sup> flasks.
- 4. Allow cells to reach 70-80% confluency.
- 5. Harvest cells using trypsin.
- 6. Wash cells with PBS.
- 7. Resuspend cells in DMEM + 10% FBS.
- 8. Seed cells into new flasks.

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

**Flask Coating** None

