

HEP-2 IEC-6 | 302149

HEP-2 IEC-6

Description	IEC-6 is a human epithelial cell line derived from the mucosa of the human colon. It is a continuous cell line that grows in monolayer culture. IEC-6 cells are characterized by their epithelial morphology and their ability to form tight junctions. IEC-6 cells are commonly used in research on intestinal epithelial cells and in the study of the pathogenesis of colorectal cancer.
Organism	Human
Tissue	Colon
Applications	Cell culture, drug screening, gene expression analysis
Synonyms	IEC 6, IEC6, Human Intestinal Epithelial Cell Line 6

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Breed/Subspecies	Human (CD(SD))
Age	18-24 years
Gender	Male
Morphology	Epithelial cells
Cell type	Epithelial cells
Growth properties	Epithelial cells

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Citation	IEC-6 (HEP-2 IEC-6) Cytion 302149
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_0343

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HEC-6 - HEK293T

HEC-6

Culture Medium	DMEM, w: 4.5 g/L Glucose, w: 4 mM L-Glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM Sodium Pyruvate (Cytion 820300a)
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Supplements	10% FBS
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Dissociation Reagent	Trypsin
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Subculturing	Cells are grown in DMEM supplemented with 10% FBS. Cells are seeded in T25 flasks, 3-5 x 10 ⁵ cells per flask. Cells are grown to confluence and then passaged into fresh medium.
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Freeze medium	DMEM supplemented with 10% FBS + 10% DMSO
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Thawing and Culturing Cells	1. Cells are thawed in a 37°C water bath and then added to a flask containing 10 ml of DMEM supplemented with 10% FBS. 2. Cells are grown in DMEM supplemented with 10% FBS until they reach confluence. 3. Cells are then passaged into fresh medium. 4. Cells are grown in DMEM supplemented with 10% FBS until they reach confluence. 5. Cells are then passaged into fresh medium. 6. Cells are grown in DMEM supplemented with 10% FBS until they reach confluence. 7. Cells are then passaged into fresh medium. 8. Cells are grown in DMEM supplemented with 10% FBS until they reach confluence.
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Incubation Atmosphere	37°C, 5% CO ₂
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Flask Coating	None
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Freezing
Procedure

Die Probe wird in einem Gefrierbehälter bei -78°C gefroren.

Shipping
Conditions

Die Probe wird bei -78°C transportiert.

Storage
Conditions

Die Probe wird bei -150 bis -196°C gelagert.

Die Probe wird bei -78°C transportiert.

Sterility

Die Probe wird in einem sterilen Behälter für PCR-Analysen geliefert.

Die Probe ist steril und kann direkt für die Analyse verwendet werden.