

## HCC1937 | 305064

**Description** HCC1937 is a cell line derived from a human colon adenocarcinoma. It is characterized by a high rate of proliferation and is commonly used in cancer research. The cell line is known for its sensitivity to various chemotherapeutic agents and its ability to form xenografts in immunodeficient mice. Key features include the presence of a wild-type PTEN gene and a normal karyotype.

**Organism** Human

**Tissue** Colon adenocarcinoma

**Disease** Colon adenocarcinoma

**Synonyms** HCC-1937, HCC/1937

**Age** 23 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

**Citation** HCC1937 (ATCC CCL-221) | 305064

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0290

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**Receptors expressed** *[Redacted]*

**Protein expression** *[Redacted]* 2 (Egp2) *[Redacted]* 19

**Culture Medium** RPMI 1640 *[Redacted]* 2.0 *[Redacted]* 2.0 *[Redacted]* NaHCO<sub>3</sub> (*[Redacted]* 820700a *[Redacted]*)

**Supplements** *[Redacted]* 10% *[Redacted]* FBS

**Dissociation Reagent** *[Redacted]*

**Subculturing** *[Redacted]* PBS *[Redacted]*

**Fluid renewal** 2 *[Redacted]* 3 *[Redacted]*


**Freeze medium** *[Redacted]* ( *[Redacted]* FBS) + 10% DMSO *[Redacted]*


- Thawing and Culturing Cells**
- [Redacted]*
  - [Redacted]* -150 *[Redacted]*
  - [Redacted]* 37 *[Redacted]*
  - [Redacted]* 70% *[Redacted]*
  - [Redacted]* 15 *[Redacted]* 8 *[Redacted]*
  - [Redacted]* 300 × *[Redacted]* 3 *[Redacted]*
  - [Redacted]* 10 *[Redacted]*
  - [Redacted]*

Product sheet


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**Incubation Atmosphere** 37 

**Flask Coating** 

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 

/ / HLA

**Sterility**  (PCR)   
