

UP Cell Line

Catalogue number: 153455

Sub-type: Continuous

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: UP Cell Line

Alternate name: HPV, Human papillomavirus

Class:

Conjugate:

Description: The paired normal and immortalised cell lines provide a good model system for studying the interaction of the HPV genome with human cells and offer the potential for further studies on the effects of carcinogenesis and oncogenes in malignant conversion of HPV16-infected keratinocytes vp HPV16-immortalised keratinocyte cell line

Purpose:

Parental cell: Human epidermal keratinocytes - strain U

Organism: Human

Tissue: Skin

Model: Immortalised Line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: Primary human keratinocytes from newborn foreskin samples were used as the source of cells. These cells were then grown in culture and at passage 2 transfected with the pSV2neo/16 plasmid which contains the entire HPV16 genome.

Formulation:

Recommended controls: Human epidermal keratinocytes - strain U parental line

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: HPV transfected human keratinocytes

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: Composed of a 1+3 mixture of Ham's F12 and DMEM, supplemented with 1.8×10^{-4} M adenine, 10 % FCS, 5 ug/ml insulin, 0.5 ug/ml hydrocortisone, 10 ng/ml EGF and 10-10M cholera toxin. Cultures should be maintained at 37°C, and medium changed every 2-3 days.

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools: VP Cell Line

References

References: Hodiola et al. 1994. Oncogene. 9(3):943-8. PMID: 8108139. ; Integrin expression and function in HPV 16-immortalised human keratinocytes in the presence or absence of v-Ha-ras. Comparison with cervical intraepithelial neoplasia. ; Pei et al. 1991. Carcinogenesis. 12(2):277-84. PMID: 1847319. ; Two strains of human keratinocytes transfected with HPV16 DNA: comparison with the normal parental cells.

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