

UM-UC-13 (Human transitional cell carcinoma lymphatic metastasis) cell line

Catalogue number: 160442

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: UM-UC-13 (Human transitional cell carcinoma lymphatic metastasis) cell line

Alternate name: UM-UC-13

Class:

Conjugate:

Description: UM-UC-13 are a human transitional cell carcinoma originating from lymphatic metastases of transitional cell carcinomas of the bladder of a 26-year old black male. These cells were assessed for their susceptibility to adenoviral mediated gene delivery, tumor growth in nude mice and differences in genetic alterations. Tumorigenicity studies in nude mice revealed the UM-UC-13 produced tumors, 1-1.5 cm in diameter in 1 month. UM-UC-13 demonstrated efficient gene transduction via an adenoviral vector when compared to several of the other cells evaluated. UM-UC-13 also demonstrated no sign of Coxsackie adenovirus receptor (CAR) expression. These assays allowed for characterization of some of the most important features in each of the respective lines in an effort to more accurately establish commonly observed phenomena across cells of the same type of neoplasm.

Purpose:

Parental cell:

Organism: Human

Tissue: Lymphatic Tissue

Model: Cancer Model

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties: Adherent
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:
Target alternate names:
Target background:
Molecular weight:
Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: Cells were grown in Dulbecco's modified Eagle's medium (DMEM) containing 10% heat inactivated Fetal Bovine Serum (FBS) and were supplemented with 1% penicillin and streptomycin at 37°C in 5% CO2 environment.
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: UM-UC-1 (Human bladder transitional cell carcinoma) cell line ; UM-UC-3 (Human bladder transitional cell carcinoma) cell line ; UM-UC-4 (Human adenocarcinoma lymph node metastasis) cell line ; UM-UC-5 (Human squamous cell carcinoma of the bladder) cell line ; UM-UC-7 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-9 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-10 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-11 (Human transit...

References

References: Sabichi et al. 2006. J Urol. 175(3 Pt 1):1133-7. PMID: 16469639. ; Grossman et al. 1984. J Urol. 132(4):834-7. PMID: 6471236.

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