

UM-UC-1 (Human bladder transitional cell carcinoma) cell line

Catalogue number: 160436

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: UM-UC-1 (Human bladder transitional cell carcinoma) cell line

Alternate name: UM-UC-1

Class:

Conjugate:

Description: UM-UC-1 are a human transitional cell carcinoma originating from lymphatic metastasis of transitional cell carcinoma 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. 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 common observed phenomena across cells of the same type of neoplasm. Tumorigenicity studies in nude mice revealed the UM-UC-1 produced tumors, 1-1.5 cm in diameter in < 3 weeks. UM-UC-1 was more resistant to adenoviral gene transduction than several of the other cells evaluated. UM-UC-1 did, however, have one of the highest levels of Coxsackie adenovirus receptor (CAR) expression of the cells tested.

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-4 (Human adenocarcinoma lymph node metastasis) cell line ; UM-UC-3 (Human bladder transitional cell carcinoma) 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 transitional cell carcinoma of the bladder) cell line ; UM-UC-13 (Human...

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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