R-3327-AT6.1 cell line

Catalogue number: 156405
Sub-type:
Images:

Contributor

Inventor: John Isaacs
Institute: Johns Hopkins University
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: R-3327-AT6.1 cell line

Alternate name:

Class:
Conjugate:
Description: Somatic cell hybrids created from highly metastatic rat prostatic cancer cells and human chromosome 11 were created using micro cell-mediated chromosome transfer. The introduction of human chromosome 11 into the highly metastatic rat prostate cancer cells suppressed the metastatic ability of the cells without suppression of the in vivo growth rate or tumorigenicity of the hybrid cells.These cell hybrids can be used to pinpoint tumor suppressor genes on human chromosome 11. The cell line may also be used to screen for drugs that target the human tumor suppressor genes expressed. Such drugs can potentially be used as chemotherapeutic or chemopreventive agents for prostate cancer.
Purpose:
Parental cell:
Organism:
Tissue:
Model: Cancer Model
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Tumor suppressor genes on Human chromosome 11

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Harris et al. 2012. Cancer Biol Ther. 13(13):1319-24. PMID: 22895071.