FLYRD18 Cell Line

Catalogue number: 151446
Sub-type: Continuous
Images:

Contributor

Inventor: Mary Collins
Institute: The Institute of Cancer Research
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: FLYRD18 Cell Line

Alternate name:

Class:
Conjugate:
Description: The FLYRD18 Packaging cell line enables production of high-titer, human complement-resistant recombinant retroviruses, with significantly reduced probability of replication-competent retrovirus generation. HT1080-based packaging cell line enabling production of recombinant retroviral vectors with Moloney murine leukemia virus cores and cat endogenous virus RD114 virus envelopes. The vectors demonstrate high resistance to the inhibitory effects of human serum/complement, increasing penetration of the vector, and making the system ideal for in vivo gene transfer.
Purpose:
Parental cell: HT 1080
Organism: Human
Tissue:
Model: Packaging
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties: Recombinant retroviral production
Production details: Human; for details of production of FLYRD18 cell line see Cosset et al. 1995.

Journal of Virology. 69:7430-36. PMID: 7494248
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: For recommended growth and recombinant retrovirus production conditions see Cosset F et al, Journal of Virology, 1995, v69 pp7430-7436 & Takeuchi Y et al, Journal of Virology, 1994, v68 pp8001-8007
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Bartek et al. 1991. Proc Natl Acad Sci U S A. 88(9):3520-4. PMID: 1708884. ; Efficient immortalization of luminal epithelial cells from human mammary gland by introduction of simian virus 40 large tumor antigen with a recombinant retrovirus.