

Tamoxifen-resistant MCF7 Breast Cancer cell line

Catalogue number: 156418

Sub-type: Continuous

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Tamoxifen-resistant MCF7 Breast Cancer cell line

Alternate name:

Class:

Conjugate:

Description: MCF7 cells serve as a prototypic model system for human breast cancer and their response to secretive endocrine response modifiers (SERM) therapy. MCF7 cells, upon long term exposure to tamoxifen, acquire tam-resistance and continue to grow in the presence of tamoxifen. This provides a cell-based model , both in vitro and in vivo, for tam-resistant breast cancer, allows the testing of alternate therapies to tam-resistant breast cancer, or the high-throughput testing of drugs that might synergize with hormone based therapies.

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: tamoxifen resistant breast cancer

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:

CancerTools.org