

16E6/E7-HSK cell line

Catalogue number: 154462

Sub-type: Primary

Images:

Contributor

Inventor: Aloysius Klingelhutz

Institute: The University of Iowa

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: 16E6/E7-HSK cell line

Alternate name:

Class:

Conjugate:

Description: Expresses skin cell markers; proinflammatory. Tissue is adult skin cells.

Purpose:

Parental cell: Keratinocytes isolated from punch biopsies of the skin from the buttocks

Organism: Human

Tissue: Skin

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Upregulation of telomerase and greatly extended lifespan (greater than 5 times the lifespan of untransduced keratinocytes) with no apparent crisis or slow down in growth. Despite upregulation of telomerase, E6/E7 transduced keratinocytes exhibited significant telomere shortening with passaging in culture

Production details: Cells were transduced with HPV-16 E6/E7 LXS replication defective retrovirus and selected in G418

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Used as an immortal adult human skin keratinocyte line for pathogenesis and inflammation studies

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: G418 selection.

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: Liquid Nitrogen

Shipping conditions: Dry ice

Related tools

Related tools:

References

References:

CancerTools.org