

H413 Cell Line

Catalogue number: 153425

Sub-type:

Images:

Contributor

Inventor: Stephen Prime

Institute: University of Bristol

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: H413 Cell Line

Alternate name:

Class:

Conjugate:

Description: Established from a squamous cell carcinoma (SCC) of the buccal mucosa (20mm-40mm) of a 53 year-old female patient. STNMP stage II, moderately differentiated, node negative tumour.

Mutant p53, codon 68 exon 4, G to T; wild type K-, N- and Ha-ras. These cells are non-tumourigenic on subcutaneous injection into athymic nude mice, but tumourigenic on injection into the floor of the mouth

Purpose:

Parental cell:

Organism:

Tissue: Buccal mucosa

Model: Tumour line

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: Human oral squamous cell carcinoma, buccal mucosa

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: Split sub-confluent cultures (70-80%), approximately every 5-6 days, 1:8 to 1:10 using 0.25% trypsin/EDTA; 5% CO₂; 37°C. Suggested seeding density 5 x 1000 cells/cm². Cells can take approximately 10 minutes to detach, an alternative is to trypsinise 2 to 3 times with fresh trypsin for shorter periods for each trypsin application. Avoid knocking flasks during the trypsinisation process as this can lead to loss of viability. DMEM:HAMS F12 (1:1) + 2mM Glutamine + 10% Foetal Bovine Serum (...)

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Yeudall et al. 1995. Eur J Cancer B Oral Oncol. 31B(2):136-43. PMID: 7633286; Prime et al. 1994. Int J Cancer. 56(3):406-12. PMID: 7508893; Prime et al. 1994. Br J Cancer. 69(1):8-15. PMID: 8286215; Yeudall et.al. 1993. Eur J Cancer B Oral Oncol. 29B(1):63-7. PMID: 8180579; Prime et.al. 1990. J Pathol. 160(3):259-69. PMID: 1692339

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