

# D38 Cell Line

**Catalogue number:** 152856

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Paul Harrison

**Institute:** Cancer Research UK, Glasgow: The Beatson Institute

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** D38 Cell Line

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** D38 Cell Line is derived from a leukoplakia biopsy. The cell line was notable in its proliferative capacity, considered immortal after having completed more than 100 PDs (population doublings ) when maintained on a feeder layer of irradiated 3T3 fibroblasts. D38 was categorised as having a mild dysplasia pathology.

**Purpose:**

**Parental cell:**

**Organism:** Human

**Tissue:** Tongue

**Model:** Tumour line

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** Biopsies were trypsinized and cultured until a growing population of cells was obtained in a 9-cm plate and then passaged once to give a stock culture that was frozen. All cells were maintained on irradiated 3T3 feeders, in 10H medium. The 3T3 feeder layer was removed by treatment

with 0.02% EDTA prior to RNA and protein extraction.

**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:** As per Cancer Res. 1997 Sep 15;57(18):3886-9. All cells were maintained on irradiated 3T3 feeders, in 10H medium (DMEM plus 10% FCS without added growth factors except hydrocortisone).

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry ice

## Related tools

**Related tools:** D34 Cell Line

## References

**References:** Differential Expression of VEGFA Isoforms Regulates Metastasis and Response to Anti-VEGFA Therapy in Sarcoma. English et al. 2017. Cancer Res. 77(10):2633-2646. PMID: 28377452. ; Differential Expression of VEGFA Isoforms Regulates Metastasis and Response to Anti-VEGFA Therapy in Sarcoma.

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