

# GFP-KSC4 Keratinocyte Stem Cell Line

**Catalogue number:** 151713

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Julia Reichelt

**Institute:** Newcastle University

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** GFP-KSC4 Keratinocyte Stem Cell Line

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** The GFP-KSC4 Keratinocyte Stem Cell line can be used for the generation of in vitro epidermal 'skin equivalents' to be used as screening tools to look at the activity of NCE's and/or NBE's of dermatological interest, and/or to screen for such NCE and/or NBE in high throughput systems. It may also be of use to non-pharmaceutical healthcare and/or cosmetic companies involved in the personal vitality and/or beauty product development segments. Murine keratinocyte stem cell line.

**Purpose:**

**Parental cell:**

**Organism:** Mouse

**Tissue:**

**Model:** Transgenic

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:** Adherent

**Production details:** Keratinocytes were isolated from neonatal homozygous C57BL/6-Tg(CAG-EGFP)10sb/J mouse skin. The cell line was established by growing cells for the first 8 passages in co-

culture with 3T3-J2 fibroblast feeder cells. From passage 9 onwards cells were grown without feeder cells.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** GFP-KSC4

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** See remarks...

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

## References

**References:** Ali et al. 2009. Cancer Res. 69(15):6208-15. PMID: 19638587.

CancerTools.org