

HaCaT-ras II-4 | 300495

General information

Description	HaCaT-ras II-4 is a human epidermal keratinocyte cell line derived from a normal skin biopsy of a 62-year-old male. The cells were immortalized by transfection with a retrovirus carrying the HaCaT-ras II-4 construct. The cells are maintained in DMEM/F12 supplemented with 10% FBS. The cells are characterized by their ability to form colonies in soft agar and to express keratin 1 and 10. The cells are also characterized by their ability to form colonies in soft agar and to express keratin 1 and 10. The cells are also characterized by their ability to form colonies in soft agar and to express keratin 1 and 10.
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Organism	Human
Tissue	Skin
Synonyms	HaCaT-ras clone II-4, HaCaT II-4, II-4

Characteristics

Age	62 years
Gender	Male
Ethnicity	German
Cell type	Epithelial
Growth properties	Adherent

Additional information

Citation	HaCaT-ras II-4 (Cytion 300495)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3868

Product sheet

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GMO Status

GMO-S1:     (HaCaT-ras II-4)       c-Ha-Ras                                    

                                                          

Protein expression

P53 (+), CEA (+),

Tumorigenic

                                   Balb/c-nu/nu.

Karyotype

                                                

                                                          

Culture Medium

DMEM, w: 4.5 g/L                                                 

Supplements

                                                

Dissociation Reagent

                                                

Subculturing

1.                   

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Thawing and
Culturing Cells

1. 将细胞冻存管放入 37°C 水浴中快速解冻，然后将细胞悬液转移到含有 10 mL 培养基的 T25 培养瓶中，轻轻混匀。
2. 将细胞悬液转移到含有 10 mL 培养基的 T25 培养瓶中，轻轻混匀。将培养瓶放入 37°C、5% CO₂ 培养箱中培养。
3. 细胞贴壁后，将培养基更换为不含抗生素的培养基。细胞贴壁后，将培养基更换为不含抗生素的培养基。
4. 细胞贴壁后，将培养基更换为不含抗生素的培养基。细胞贴壁后，将培养基更换为不含抗生素的培养基。
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8. 细胞贴壁后，将培养基更换为不含抗生素的培养基。细胞贴壁后，将培养基更换为不含抗生素的培养基。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无需涂层

Freezing
Procedure

将细胞悬液转移到含有 1 mL 冻存液的冻存管中，轻轻混匀。将冻存管放入 -80°C 冰箱中冻存。

Shipping
Conditions

将细胞冻存管放入冰袋中，放入保温箱中。将保温箱放入 -80°C 冰箱中保存。

Storage
Conditions

将细胞冻存管放入 -150 至 -196°C 液氮中保存。将液氮罐放入 -150 至 -196°C 液氮中保存。

细胞冻存液

Sterility

细胞冻存液经过严格的无菌处理，不含任何微生物。细胞冻存液经过严格的无菌处理，不含任何微生物。