

Product sheet

HROG05 | 300940

General information

Description	Human melanoma cell line (PD Dr. Michael Linnebacher)
Organism	Human
Tissue	Skin, L, Melanoma
Disease	Melanoma (Stage IV)

Cell characteristics

Age	60 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells, growing in monolayers
Growth properties	Highly proliferative

Identification and safety

Citation	HROG05 (Cytion 300940)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4U40

Antigen expression and mutational profile

Antigen expression	HLA-A02+, MHC II -, ICAM-1 +, CD44+, CD47+, HLA-E+, HLA-G -, MIC A -, MIC-B -, GF
Mutational profile	IDH 1 & 2 wt, TP53wt, K-Ras G12D, B-RAFwt, 4q12(PDGFR) -, PTEN P169S/del 212-229

HEK293T HROG05 | 300940

HEK293T

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose , w: 2.5 mM L- Asparagine , w: 15 mM HEPES, w: 0.5 mM β-mercaptoethanol , w: 1.2 g/L NaHCO ₃ 820400a)
Supplements	Glucose Asparagine 10% FBS
Dissociation Reagent	Trypsin
Doubling time	44 h 48 h
Subculturing	Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO . Cells are seeded in T25 , 3-5 h in PBS , then seeded in 3 h in DMEM:Ham's F12 , then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25 .
Seeding density	1 x 10 ⁴ cells / cm ²
Fluid renewal	3 h 5 h

Freeze medium **DMEM:Ham's F12**, **then** **50%** **DMEM:Ham's F12** + 40% FBS + 10% DMSO, **CM-1** (**DMEM:Ham's F12** Cytion 800100), **DMEM:Ham's F12**

Thawing and Culturing Cells	Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25. Cells are trypsinized and resuspended in DMEM:Ham's F12 with 10% FBS and 10% DMSO. Cells are seeded in T25, 3-5 h in PBS, then seeded in DMEM:Ham's F12 with 10% FBS and 10% DMSO in T25.
-----------------------------	---

XXX HROG05 | 300940

Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure

Shipping Conditions                             

Storage Conditions 保持乾燥，密封於陰涼處，避光，避熱，避潮，避風，避塵，避震，避電磁干擾，避化學污染，避生物污染，避核輻射，避其他有害因素。

Sterility

XXXXXX XXXXXXXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX PCR XXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

XXXX XXXXXXXX XXXXXX XXXXXXX XXXXXXXX, XXXXXXXX XX XXXXX, XXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX