

Product sheet

HROG04 | 300932

XXXXX XXXXX

Description	XXXX XX XXXX XXX XXXX XXXX XX XXXX XXXX XXXXXXXX XXXXXXXX XX XXX X' X XXXXX XXXXXXXX (PD Dr. Michael Linnebacher) XXXXXXXX XXXXXXXX
Organism	XXXX
Tissue	XXXX, R, XXXXXXX
Disease	XXXXXXXXXXXXX (XXXX IV)

XXXXXXXXXXXX

Age	53 XXXX
Gender	XXXX
Ethnicity	XXXXXX
Morphology	XXXXXXXX XX XXXX XXXXX XXXXXXXXXXXXXXX XXXXX XXXXX XXXXXXX
Growth properties	XXXX

XXXXXXXXX XXXXXXXXXXXXXXX

Citation	HROG04 (XXXX XXXXXXXX Cytion 300932)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4U39

XXXXXXXXX XXXX-XXXXXXXXXXXX

Antigen expression	HLA-A02 +, MHC XXX I -MHC XXX II -, XXX-XXXXXXXXXXXXX +, HLA-E +, HLA-G -, MIC A -, MIC-B -, ICAM-1 +, GFAP +, XXXXX +, XXXXXXX
Mutational profile	PTENW274L, 9p212.3 (CDKN2A) XXXXX

HEK293T | HROG04 | 300932

HEK293T

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.5 mM L- $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 15 mM HEPES, w: 0.5 mM $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 820400a)

Supplements $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ 10% FBS

Dissociation Reagent $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

Subculturing HEK293T cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. For subculturing, cells are trypsinized with 0.25% trypsin-EDTA in PBS, washed with PBS, and resuspended in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1×10^4 cells per flask.

Seeding density 1×10^4 cells/flask

Fluid renewal 3-5 days

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 50% FBS + 40% DMSO, CM-1 (Cytion 800100), $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

- Thawing and Culturing Cells**
1. Thaw the vial rapidly in a 37°C water bath.
 2. Dilute the cells into 10 mL of DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 3. Seed the cells into a 150 cm² flask.
 4. Allow the cells to attach for 24 hours.
 5. Refresh the medium with DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 6. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
 7. Resuspend the cells in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 8. Seed the cells into a new flask at a density of 1×10^4 cells per flask.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

