

Product sheet

HROG13 | 300936

XXXXXXXX

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

XXXXXXXXXXXX

Age	77 XXXX
Gender	XXXX
Ethnicity	XXXXXX
Morphology	XXXXXXXX XX XXXX XXXXX XXXXXXXXXXXX XXXXX XXXXX XXXXX
Growth properties	XXX

XXXXXXXX XXXXXXXXXXXXXXX

Citation	HROG13 (XXXX XXXXXXXX Cytion 300936)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4U44

XXXXXXXX XXX-XXXXXXXXXXXX

Antigen expression	HLA-A02 +, XXX-XXXXXXXXXXXXX +, HLA-E -, HLA-G -, MIC A - MIC-B -, ICAM-1 +, GFAP +, XXXXX +, XXXXXXXX +, S-100 +, GBM +, BTS
Mutational profile	TP53 wt, PTENwt, chr.7 XXXXX, chr. 10 XXXXX, 9p21.3 (CDKN2A) XXXX

HEK293T HROG13 | 300936

HEK293T

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

Supplements β -mercaptoethanol 10% FBS

Dissociation Reagent Trypsin

Subculturing HEK293T cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 100 U/ml penicillin, 100 U/ml streptomycin, and 100 U/ml nystatin. For subculturing, cells are trypsinized and resuspended in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1×10^4 cells/cm². After 24 hours, the medium is replaced with DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are harvested when they reach 70-80% confluency.

Seeding density 1×10^4 cells/cm²

Fluid renewal Every 3-5 days

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 10% FBS + 10% DMSO, CM-1 (100 U/ml Cytion 800100), and 100 U/ml penicillin, 100 U/ml streptomycin, and 100 U/ml nystatin.

- Thawing and Culturing Cells**
1. Thaw the cells in a 37°C water bath and transfer them to a 15 ml centrifuge tube. Add 10 ml of DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 3. Seed the cells into a T25 flask at a density of 1×10^4 cells/cm².
 4. Incubate the cells in a 37°C incubator with 5% CO₂ until they reach 70-80% confluency.
 5. Harvest the cells by trypsinization and resuspend them in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.
 6. Seed the cells into a T25 flask at a density of 1×10^4 cells/cm².
 7. Incubate the cells in a 37°C incubator with 5% CO₂ until they reach 70-80% confluency.
 8. Harvest the cells by trypsinization and resuspend them in DMEM:Ham's F12 (1:1) supplemented with 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

