Product sheet

[redacted] UM-HMC-1 | 305716

[redacted]

Description	UM-HMC-1 [redacted] UM-HMC-1 [redacted], [redacted] CR
Organism	[redacted]
Tissue	[redacted], [redacted]
Disease	[redacted]
Metastatic site	[redacted] ([redacted], [redacted])
Applications	[redacted]; [redacted] CRTC1-MAML2; [redacted] CR
Synonyms	[redacted] - [redacted]-1

[redacted]

Age	76 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	UM-HMC-1 ([redacted] Cytion 305716)
Biosafety level	1
NCBI_TaxID	9606

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CellosaurusAccession	CVCL_Y473

[redacted]

Mutational profile	[redacted]: [redacted], CRTC1 + HGNC, MAML2, [redacted]=CRTC1-MAML2, MECT1-MAML2.

[redacted]

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 [redacted]/[redacted] [redacted], w: 2.5 [redacted] L-[redacted], w: 15 [redacted] HEPES, w: 0.5 [redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	Accutase, 20 [redacted] 37°C
Doubling time	[redacted] 24 [redacted] 48 [redacted]
Subculturing	[redacted] PBS [redacted] Accutase [redacted]
Split ratio	1 [redacted] 5
Seeding density	1 [redacted] 3×10^4 [redacted]/[redacted]^2
Fluid renewal	[redacted] 2 [redacted] 3 [redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

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Thawing and Culturing Cells

1. [redacted]
2. [redacted] cryovial [redacted] -150 [redacted]
3. [redacted] 37°C [redacted]
4. [redacted] 70%
5. [redacted] 15 [redacted]
6. [redacted] 300 x g [redacted] 3 [redacted]
7. [redacted] 10 [redacted]
8. [redacted]

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted]

Sterility	[redacted] PCR [redacted]