

UM-HMC-3B | 305715

General information

Description	UM-HMC-3B Notch UM-HMC-3B, CREB/Notch
Organism	
Tissue	,
Disease	
Metastatic site	()
Applications	; CRTC1-MAML2; MEC
Synonyms	- 3B

Characteristics

Age	73
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	

Additional information

Citation	UM-HMC-3B (Cytion 305715)
Biosafety level	1

XXXXXX UM-HMC-3B | 305715

NCBI_TaxID	9606
CellosaurusAccession	CVCL_Y472
GMO Status	[REDACTED], [REDACTED] CRTC1-MAML2 [REDACTED]
Mutational profile	[REDACTED] [REDACTED], CRTC1 + HGNC, MAML2, [REDACTED]=CRTC1-MAML2, MECT1-MAML2.
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	[REDACTED]
Doubling time	[REDACTED] 24 [REDACTED] 48 [REDACTED]
Subculturing	[REDACTED] PBS [REDACTED] Accutase [REDACTED]
Split ratio	1 [REDACTED] 5
Seeding density	2–4 × 10 ⁴ /cm ²
Fluid renewal	[REDACTED] 2 [REDACTED] 3 [REDACTED]
Freeze medium	[REDACTED] ([REDACTED] FBS) + 10% DMSO

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Thawing and
Culturing Cells

- 1. Thaw cryovial quickly in a water bath at 37°C.
- 2. Add the cell suspension to a pre-warmed cryovial and mix gently.
- 3. Seed cells into a pre-warmed flask containing 70% medium.
- 4. Incubate cells in a humidified incubator at 37°C and 5% CO₂.
- 5. After 24 hours, check for cell attachment and replace medium.
- 6. After 48 hours, check for cell attachment and replace medium.
- 7. After 72 hours, check for cell attachment and replace medium.
- 8. After 96 hours, check for cell attachment and replace medium.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Shipping
Conditions

Shipped on dry ice, stored at -150 °C

Storage
Conditions

Store at -150 °C to -196 °C

Sterility

PCR tested and certified sterile. No mycoplasma contamination detected.