Product sheet

Capan-2 | 300144

[redacted]

Description	[redacted] Capan-2 [redacted] [redacted] Capan-2 [redacted] Kirsten rat sarcoma viral oncogene homo
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	CaPan-2, CAPAN-2, Capan 2, CAPAN 2, Capan2, CAPAN2

[redacted]

Age	56 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted], [redacted]

[redacted]

Citation	Capan-2 ([redacted] Cytion 300144)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0026

[redacted]

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Protein expression	P53 [redacted]
Antigen expression	[redacted] B, Rh+
Isoenzymes	Me-2, 2, PGM3, 2, PGM1, 1, ES-D, 1, AK-1, 1, G6PD, B, GLO-1, 2, [redacted]: 0.0004
Tumorigenic	[redacted]
Products	[redacted] ([redacted], MUC-1, MUC-2)
Ploidy status	[redacted]
Mutational profile	[redacted] Capan-2 [redacted] Kras [redacted] 12: GGT>GTT

[redacted]

Culture Medium	McCoys 5a, w: 3.0 [redacted]/[redacted] [redacted], w: [redacted] [redacted], w: 2.0 [redacted] [redacted], w: 2.2 [redacted]/[redacted] NaHCO3 ([redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Doubling time	45 [redacted] 60 [redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1×10^4 [redacted] ^{2}/[redacted] 7 [redacted]
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] ^{1} [redacted] 48 [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]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted]

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[redacted] HLA	**A*:** '29:02:01 **B*:** [redacted] **C*:** [redacted] 16:01:01 **DRB1*:** '07:01:01 **DQA1*:** '02:01:01 **DQB1*:** '02:02:01 **DPB1*:** [redacted] 11:01:01 **E:** '01:03:02