

T84 | 300354

Description 1/4

Organism

Tissue

Disease

Metastatic site

Applications CFTR

Synonyms T-84, T 84

Age 72

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation T84 Cytion 300354

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0555

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| GMO Status | KRAS G13D |
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| Receptors expressed | |
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| Antigen expression | + |
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| Isoenzymes | G6PD B PGM1 1 PGM3 1 ES-D 1 Me-2 1-2 AK-1 1 GLO-1 1-2 |
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|--------------------|--|
| Tumorigenic | |
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| Products | (CEA) 10 exp6 600 / /10 |
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|---------------------------|-----------------------------------|
| Mutational profile | T84 13 Kras GGC(Wt Gly) >GAC(Asp) |
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|------------------|-------------------------------------|
| Karyotype | 56 28% 12.4% 18 x 13 2 4 22 12 4 50 |
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| Culture Medium | Ham's F12 w 1.0 mM w 1.0 mM w 1.1 g/L NaHCO3 Cytion 820600a |
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| Supplements | 10% FBS |
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| Dissociation Reagent | Accutase |
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| Doubling time | 48 72 |
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| Subculturing | PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5 |
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| Split ratio | 1 3 |
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| Seeding density | 1 2 × 10 ⁴ /cm ² 1/4 |
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| Fluid renewal | 2 |
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| Post-Thaw Recovery | 5×10^4 /cm ² | 24-48 | ≥25% |
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|----------------------|---------------|-------------|--------|-------------|--------|
| Freeze medium | FBS +10% DMSO | CM-1 Cytion | 800100 | CM-1 Cytion | 800100 |
|----------------------|---------------|-------------|--------|-------------|--------|

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|------------------------------------|----|---------|-----|-------|-----|
| Thawing and Culturing Cells | 1. | | | | |
| | 2. | -150°C | | 3 | |
| | 3. | 37°C | | 40-60 | |
| | 4. | | 70% | | |
| | 5. | 8 | 15 | | |
| | 6. | 300 x g | 3 | | |
| | 7. | 10 | | T25 | T25 |
| | 8. | | | | |

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|------------------------------|--------------------------|
| Incubation Atmosphere | 37°C, 5% CO ₂ |
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Flask Coating

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| Freezing Procedure | -78 °C |
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| Shipping Conditions | -78 °C |
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|---------------------------|--------------------|
| Storage Conditions | -150 -196 ❏ -80 °C |
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/ /HLA

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Sterility

PCR

HLA

A*: '02:01:01, '24:02:01

B*: '18:01:01, '35:01:01

C*: '04:01:01, '07:01:01

DRB1*: '01:01:01, '09:01:02

DQA1*: '01:01:01, '03:02:01

DQB1*: '03:03:02, '05:01:01

DPB1*: '02:01:02, '04:01:01

E: '01:03:01, '01:03:02