

OCUM-1 | 305612

OCUM-1

Description	OCUM-1 (OCUM-1) (epithelial) (OCUM-1)
Organism	OCUM-1
Tissue	OCUM-1
Disease	OCUM-1
Metastatic site	OCUM-1
Synonyms	OCUM1, OCUM-1

OCUM-1

Age	38
Gender	OCUM-1
Ethnicity	OCUM-1
Morphology	OCUM-1
Cell type	OCUM-1
Growth properties	OCUM-1

OCUM-1

Citation	OCUM-1 (OCUM-1) Cytion 305612
Biosafety level	1
NCBI_TaxID	9606

Product sheet

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CellosaurusAccession CVCL_3084

Mutational profile MAP2K1, p.Gln56Pro (c.167A>C),

Culture Medium DMEM, w: 4.5 / w: 4 - w: 3.7 / NaHCO₃, w: 1.0

Supplements FBS 10%

Dissociation Reagent

Doubling time 26–34

Seeding density 2-4*10⁴/cm²

Freeze medium (FBS) + 10% DMSO

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Thawing and
Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C.
2. Add the cells to a cryovial and store at -150 °C.
3. Thaw the cells quickly in a water bath at 37°C.
4. Centrifuge the cells at 300 x g for 3 minutes.
5. Resuspend the cells in 15 µl of medium.
6. Seed the cells into a well and incubate at 37°C, 5% CO₂.
7. After 10 days, the cells should be at 70% confluency.
8. Harvest the cells for PCR analysis.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Shipping
Conditions

Shipped on dry ice, stored at -150 °C

Storage
Conditions

Store at -150 °C or -196 °C

Sterility

PCR ready, no need for additional steps
No need for additional steps