

Product sheet

TOV-112D | 305584

NCBI_TaxID	9606
CellosaurusAccession	CVCL_3612
GMO Status	Not a GMO, as the cell line is derived from a "wildtype" human cell line and does not contain any transgenic or recombinant DNA. TP53 and PTEN

Cell line name: TOV-112D

Mutational profile	TP53 p.Ser37Ala, PTEN p.Leu639fs, TP53 p.Arg175His, TP53 p.Ser37Ala
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Cell line number

Culture Medium	DMEM/F12 (1:1), 10% FBS, 10% MCDB 105, 1.5 mg/ml insulin, 1.5 mg/ml transferrin, 1.5 mg/ml selenium
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Supplements	15% FBS
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Dissociation Reagent	Trypsin
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Doubling time	0.8 days, 1.0 ± 0.2 days, 22 days, 1.49 days, 29.13 days
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Subculturing	Cells are grown in DMEM/F12 (1:1), 10% FBS, 10% MCDB 105, 1.5 mg/ml insulin, 1.5 mg/ml transferrin, 1.5 mg/ml selenium. Cells are passaged using Trypsin and Accutase, 8-10 days
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Split ratio	1:5
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Seeding density	2-4*10 ⁴ /cm ²
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Fluid renewal	2-3 days
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Freeze medium	DMEM/F12 (1:1), 10% FBS, 10% MCDB 105, 1.5 mg/ml insulin, 1.5 mg/ml transferrin, 1.5 mg/ml selenium + 10% DMSO
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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢解冻，解冻后将细胞悬液离心，弃去上清液，将细胞重悬于完全培养基中。
2. 将细胞悬液接种到含有完全培养基的培养瓶中，将培养瓶置于 37°C 培养箱中培养。
3. 待细胞贴壁后，将培养瓶置于 37°C 培养箱中培养。
4. 当细胞密度达到 70% 左右时，进行传代。
5. 将细胞悬液接种到含有完全培养基的培养瓶中，将培养瓶置于 37°C 培养箱中培养。
6. 当细胞密度达到 70% 左右时，进行传代。
7. 将细胞悬液接种到含有完全培养基的培养瓶中，将培养瓶置于 37°C 培养箱中培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

**Shipping
Conditions**

细胞在 4°C 条件下运输，运输过程中应避免剧烈震动。

**Storage
Conditions**

细胞在 -150°C 条件下储存，储存时间不超过 196 小时。

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