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OP-9

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(C57BL/6 x C3H) F2-op/op

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OP9 (Cytion 305174)

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10090

CVCL_4398

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Culture Medium	MEM, w: 2.0 mM β -mercaptoethanol, w/o: penicillin, w/o: streptomycin, w: 1.0 mM nystatin, w: 2.2g/ml insulin
Supplements	20% FBS
Dissociation Reagent	Trypsin
Subculturing	Cells are grown in 25 cm ² flasks in MEM supplemented with 10% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:4. Media is changed every 2-3 days.
Split ratio	1:2 to 1:4
Fluid renewal	2-3 times per week
Freeze medium	DMEM supplemented with 10% FBS + 10% DMSO
Thawing and Culturing Cells	- Cells are thawed in a water bath at 37°C. - Cells are washed with PBS. - Cells are seeded into a new flask. - Media is changed after 24 hours. - Cells are grown in DMEM supplemented with 10% FBS. - Media is changed every 2-3 days. - Cells are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:4. - Media is changed every 2-3 days.
Incubation Atmosphere	37°C, 5% CO ₂

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Flask Coating

Freezing
Procedure

Shipping
Conditions

Storage
Conditions

Sterility