

Product sheet

████ P388-D1 | 400308

████████ ██████

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| Description | ██-██████ ███ ███ [P388 D1(IL-1)] ██████████ ██████████ ████████████████████-1 (IL-1). |
| Organism | ██████ |
| Tissue | ██████████████ |
| Disease | ██████████████ ████████████████ |
| Synonyms | P-388D1, P388D1, P388.D1, P3 88 D1 |

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|--------------------------|-----------------|
| Breed/Subspecies | DBA/2 |
| Gender | ██████ |
| Morphology | ██████ ████████ |
| Cell type | ██████████ |
| Growth properties | ██████ |

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|-----------------------------|---|
| Citation | P388-D1 (██████ ██████████ Cytion 400308) |
| Biosafety level | 1 |
| NCBI_TaxID | 10090 |
| CellosaurusAccession | CVCL_0477 |

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| Antigen expression | H-2d |
|---------------------------|------|

Product sheet

HEP388-D1 | 400308

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| Tumorigenic | Yes, Hepatocellular carcinoma |
| Viruses | Human MAP (Hepatitis A virus), Hepatitis B virus (Hepatitis B virus), Hepatitis C virus, Hepatitis E virus, Kaposi's sarcoma-associated herpesvirus, Reo 3, PVM, LCM, M.pulmonis, MVM, GD VII |
| Reverse transcriptase | None |
| MSI-status | Not applicable |

Characteristics

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| Culture Medium | RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Gibco 820700a) |
| Supplements | None, 10% FBS |
| Subculturing | Cells are grown in 25 cm ² flasks. At confluence, cells are trypsinized and seeded into new flasks at a density of 2 × 10 ⁵ cells per flask. |
| Seeding density | 1 × 10 ⁶ cells per flask |
| Fluid renewal | None |
| Post-Thaw Recovery | After thawing, cells are seeded into fresh medium and allowed to recover for 24 hours before use. |
| Freeze medium | Cells are frozen in RPMI 1640 medium supplemented with 10% FBS and 10% DMSO. The freezing medium is stored at -80°C. CM-1 (Gibco) |

Cell Culture Media P388-D1 | 400308

Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 15 mL of fresh medium. Seed the cells into 8 wells of a 96-well plate. Incubate at 37°C for 24 hours.
2. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 300 µL of medium. Seed into 3 wells of a 96-well plate. Incubate at 37°C for 24 hours.
3. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.
4. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.
5. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.
6. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.
7. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.
8. After 24 hours, the cells should be at approximately 70% confluency. Harvest the cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 10 minutes

Freezing Procedure Harvest cells and resuspend in 10 µL of medium. Seed into 10 wells of a 96-well plate. Incubate at 37°C for 24 hours.

Shipping Conditions Store at -78°C

Storage Conditions Store at -150°C for 196 weeks

Cell Culture Media P388-D1 / Cell Culture Media P388-D1 / HLA

Sterility Sterilized by gamma irradiation. PCR negative. Endotoxin free.