

MC38 | 305223

General information

Description	MC38 is a murine melanoma cell line derived from a melanoma of a C57BL/6 mouse. It is a highly tumorigenic cell line that can be used for various applications in cancer research. MC38 cells are known for their ability to produce melanin and express various markers associated with melanoma. MC38 cells are also known for their ability to express claudin-1 and SATB2, which are markers for melanoma. MC38 cells are also known for their ability to express various markers associated with melanoma.
Organism	Murine
Tissue	Melanoma
Disease	Melanoma
Synonyms	MC-38, MCA-38, MCA 38, MCA38, MC38, MC38-38, MC38-38, MC38-38, MC38-38; C38

Characteristics

Breed/Subspecies	C57BL/6
Gender	Male
Growth properties	Adherent

Identification and documentation

Citation	MC38 (ATCC CCL-222) Cytion 305223
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_B288

Additional information

References

MC38 | 305223

Culture Medium DMEM, w: 4.5 g/L D-glucose , w: 4 mM L- glutamine , w: 3.7 g/L NaHCO_3 , w: 1.0 mM NaH_2PO_4 (Cytion 820300a)

Supplements FBS 10%, 10 mM HEPES, NEAA

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.

Freeze medium DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.

Thawing and Culturing Cells

1. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
2. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
3. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
4. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
5. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
6. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
7. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.
8. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.

Incubation Atmosphere 37°C, 5% CO_2 , Humidified

Flask Coating FBS

Freezing Procedure Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA. Cells are grown in DMEM supplemented with 10% FBS and 10 mM HEPES, NEAA.

MC38 | 305223

Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

MC38 MC38 MC38 MC38

Sterility

The product is sterile and suitable for PCR. The product is sterile and suitable for PCR. The product is sterile and suitable for PCR.