

Cell MPC5 | 305481

General information

Description	MPC-5 (mouse podocyte clone 5) is a mouse podocyte cell line derived from a 10-day-old CBA/Ca x C57BL/10J mouse. It is a highly proliferative, immortalized cell line that expresses podocyte-specific markers and is used for studying podocyte biology and disease. MPC-5 cells are highly sensitive to oxidative stress and are used to study the role of oxidative stress in podocyte injury and disease. MPC-5 cells are highly sensitive to oxidative stress and are used to study the role of oxidative stress in podocyte injury and disease.
Organism	Mouse
Tissue	Podocyte
Disease	None
Synonyms	MPC-5, mouse podocyte clone 5

Genetic information

Breed/Subspecies	(CBA/Ca x C57BL/10)Tg(H2Kb-tsA58) mouse
Age	10-12 weeks
Gender	Male
Cell type	Podocyte
Growth properties	Highly proliferative

Cell culture and handling

Citation	MPC5 (mouse podocyte clone 5) Cytion 305481
Biosafety level	2
NCBI_TaxID	10090
CellosaurusAccession	CVCL_AS87

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MPX MPC5 | 305481

**Freezing
Procedure**

MPX MPC5 is a ready-to-use PCR master mix. It is designed for use in a PCR thermocycler. The master mix is stable at -78°C for up to 12 months.

**Shipping
Conditions**

MPX MPC5 is shipped in a dry ice container. The container is labeled with the Cytion logo and the product name. The container is sealed with a tamper-evident cap.

**Storage
Conditions**

MPX MPC5 should be stored at -150 to -196 °C. The storage container should be labeled with the Cytion logo and the product name. The container should be sealed with a tamper-evident cap.

MPX MPC5 is a ready-to-use PCR master mix.

Sterility

MPX MPC5 is a ready-to-use PCR master mix. It is designed for use in a PCR thermocycler. The master mix is stable at -78°C for up to 12 months. The master mix is sterile and ready-to-use. It is designed for use in a PCR thermocycler. The master mix is stable at -78°C for up to 12 months.