

Product sheet

C6 | 500142

Product description

Description

C6 is a cell line derived from a human embryonic kidney (HEK293) cell line. It is a stable transfectant of the p53 gene. The p53 gene is a tumor suppressor gene that plays a central role in preventing the development of cancer. It is involved in DNA damage response, cell cycle arrest, and apoptosis. The C6 cell line is used for studying the function of p53 and its downstream targets. The cell line is characterized by its high growth rate and its ability to form colonies. It is a good model for studying the effects of p53 mutations and for testing p53 inhibitors. The cell line is also used for studying the role of p53 in cell cycle regulation and in the response to DNA damage. The C6 cell line is a valuable tool for studying the function of p53 and its downstream targets.

- Organism** Human
- Tissue** Kidney
- Disease** None
- Synonyms** C-6, C6, RGC-6, RGC6, RGC6, RGCc6

Characteristics

- Age** 1-3 months
- Gender** Male
- Morphology** Adherent, epithelial
- Cell type** Epithelial
- Growth properties** High growth rate

References and publications

- Citation** C6 (ATCC CRL-1573) | 500142
- Biosafety level** 1

