Docket #: S97-079

293T Cell Line (ATCC: CRL-3216)

293T is a human cell line that has unique properties useful in many applications, including those requiring efficient transfection, gene expression, DNA replication, or viral production. The cell line is competent for replication of vectors carrying the SV40 origin of replication. 293T also has favorable tissue culture and transfection properties and is useful for library generation. The line gives very high titers when used to produce retroviruses and may also be valuable for production of other viruses. New uses of the line are likely to be found. For example, the features that make it favorable for retroviral production may also make it favorable for production of adenoviruses and other mammalian viruses. The line may also be valuable for protein production, gene expressions of various types, generation of various kinds of libraries, and other uses.

Publications

- MOLECULAR AND CELLULAR BIOLOGY, Jan. 1987, p. 379-387

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