

HEK293T C918 | 305109

HEK293T C918

Description	HEK293T C918 is a derivative of HEK293 cells, which are a continuous cell line derived from human embryonic kidney cells. HEK293T cells are characterized by their high transfection efficiency and are commonly used in molecular biology and biotechnology. HEK293T C918 is a stable cell line that expresses the C918 protein, which is a member of the C9orf72 gene family. This cell line is used for studying the function of C9orf72 and its associated proteins.
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Organism	HEK293T
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Tissue	HEK293T
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Disease	HEK293T C918 is a stable cell line that expresses the C918 protein, which is a member of the C9orf72 gene family. This cell line is used for studying the function of C9orf72 and its associated proteins.
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HEK293T C918

Age	60 years
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Gender	Male
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Morphology	HEK293T
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Growth properties	HEK293T
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HEK293T C918

Citation	C918 (HEK293T C918) Cytion 305109
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_8471
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HEK293T C918

HEK293T

Culture Medium	RPMI 1640, w: 2.0 mM NaH_2PO_4 , w: 2.0 g/L NaHCO_3 (HEK293T C918 Cytion 820700a)
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Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and seeded into new flasks. Cells are typically grown in T25, 75, or 175 cm² flasks. Cells are passaged every 3-5 days. Cells are typically grown in DMEM supplemented with 10% FBS. Cells are passaged every 3-5 days.

Fluid renewal 2-3 times per week

Freeze medium DMEM supplemented with 10% FBS, 10% DMSO, and 10% FBS. Cells are frozen in this medium and stored at -80°C.

Thawing and Culturing Cells

1. Thaw cells rapidly in a water bath at 37°C. Transfer cells to a flask containing DMEM supplemented with 10% FBS.
2. Allow cells to settle for 15 minutes. Add fresh DMEM supplemented with 10% FBS.
3. Incubate cells for 24 hours. Replace medium with fresh DMEM supplemented with 10% FBS.
4. Pass cells into a new flask. Add fresh DMEM supplemented with 10% FBS.
5. Incubate cells for 24 hours. Replace medium with fresh DMEM supplemented with 10% FBS.
6. Pass cells into a new flask. Add fresh DMEM supplemented with 10% FBS.
7. Incubate cells for 24 hours. Replace medium with fresh DMEM supplemented with 10% FBS.
8. Pass cells into a new flask. Add fresh DMEM supplemented with 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Cells are frozen in DMEM supplemented with 10% FBS, 10% DMSO, and 10% FBS. Cells are frozen in this medium and stored at -80°C.

Shipping Conditions Cells are shipped in DMEM supplemented with 10% FBS, 10% DMSO, and 10% FBS. Cells are shipped in this medium and stored at -80°C.

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Storage Conditions

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Sterility

Abstract

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