

SV40 HSF (SV40) | 305338

General information

Description	SV40 HSF (SV40) is a plasmid vector containing the SV40 T-antigen (T-Ag) gene under the control of the SV40 promoter. The T-Ag gene encodes the T-antigen, which is a protein that is essential for the replication of SV40 virus. The plasmid is also capable of expressing the SV40 T-Ag protein, which is a potent oncogene. The plasmid is designed for use in transfection experiments to study the function of the T-antigen and its role in cell transformation.
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Organism	SV40
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Metastatic site	SV40 T-Ag (SV40 T-antigen) is a potent oncogene and is found in many types of cancer, including breast, lung, and colon cancer. It is also found in some types of leukemia and lymphoma.
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Applications	SV40 HSF (SV40) is used for the study of the function of the T-antigen and its role in cell transformation. It is also used for the study of the role of the T-antigen in the development of cancer.
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Characteristics

Morphology	SV40 HSF (SV40) is a plasmid vector, which is a circular DNA molecule.
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Cell type	SV40 HSF (SV40) is used for the study of the function of the T-antigen and its role in cell transformation. It is also used for the study of the role of the T-antigen in the development of cancer.
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Growth properties	SV40 HSF (SV40) is a plasmid vector, which is a circular DNA molecule. It is capable of replicating in cells that are infected with SV40 virus.
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Identification and safety

Citation	HSF(SV40) (SV40 HSF) Cytion 305338
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	SV40 HSF
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GMO Status	GMO-S1: SV40 HSF (SV40) is a plasmid vector, which is a circular DNA molecule. It is capable of replicating in cells that are infected with SV40 virus.
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Storage and handling

Media

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM sodium pyruvate, w: 1.2 g/L NaHCO3 (820400a)
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Freezing
Procedure

Das Produkt sollte in einem Gefrierbehälter bei -78°C gefroren werden.

Shipping
Conditions

Das Produkt sollte bei -78°C transportiert werden.

Storage
Conditions

Das Produkt sollte bei -150 bis -196°C gelagert werden.

Das Produkt ist steril und frei von Mykoplasmata.

Sterility

Das Produkt ist steril und frei von Mykoplasmata. PCR-Kontrollen sind negativ.

Das Produkt ist steril und frei von Mykoplasmata. Die Sterilität wurde durch PCR-Kontrollen bestätigt.