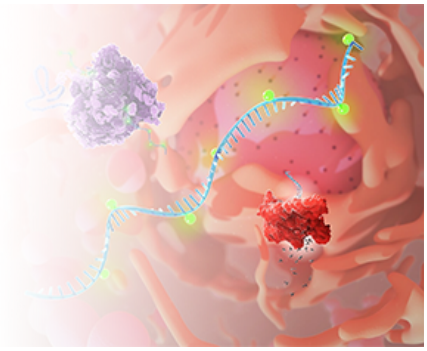

IVTScrip™ mRNA-Human OCT3/4, (Cap 1, Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK3689MR

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product overview

This product GTTS-WK3689MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & Pseudo-UTP. It ecodes the OCT3/4 protein. This product can be used in -related researches.

Specifications

Modified bases	Pseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001285987.1
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	oligo-dT affinity purification

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	Oct-4; Oct-3; OTF3; OTF4
Description	This gene is a protein coding gene. Exhibits several functions, including DNA-binding transcription repressor activity, RNA polymerase II-specific; nucleic acid binding activity; and ubiquitin protein lig ase binding activity. Involved in several processes, including BMP signaling pathway involved in he art induction; regulation of canonical Wnt signaling pathway; and regulation of transcription, DNA-t emplated. Localizes to several cellular components, including cytosol; mitochondrion; and nucleopl asm. Implicated in embryonal carcinoma and seminoma. Biomarker of dysgerminoma; embryonal carcinoma; in situ carcinoma; seminoma; and transitional cell carcinoma.

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