



## IVTScrip™ mRNA-Human KLF4, (Cap 0, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK3032MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK3032MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It encodes the KLF4 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	5-Methyl-CTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_001314052
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

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## GENE INFORMATION

<b>Alternative Names</b>	GKLF
<b>Description</b>	This gene is a protein coding gene. Exhibits several functions, including DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II transcription factor binding activity; and promoter-specific chromatin binding activity. Involved in several processes, including negative regulation of macromolecule metabolic process; regulation of cellular biosynthetic process; and regulation of sprouting angiogenesis. Localizes to nuclear chromatin and nucleoplasm. Implicated in hepatocellular carcinoma. Biomarker of hepatocellular carcinoma.