



## IVTScrip™ mRNA-Human SOX9, (Cap 0, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK2129MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK2129MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & N1-Methylpseudo-UTP. It encodes the SOX9 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	N1-Methylpseudo-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_000346
<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>	CMD1; SRXY10; SRA1
<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 cis-regulatory region sequence-specific DNA binding activity; and protein kinase A catalytic subunit binding activity. Involved in several processes, including animal organ development; positive regulation of cell population proliferation; and regulation of transcription by RNA polymerase II. Localizes to nucleoplasm and protein-containing complex. Implicated in 46,XX sex reversal 2; 46,XY sex reversal 10; and campomelic dysplasia.