



## IVTScrip™ mRNA-Human CYP17, (Cap 1, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK6889MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK6889MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & 5-Methyl-CTP. It encodes the CYP17 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	5-Methyl-CTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_000102
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

### SPECIFICATIONS

<b>Modified bases</b>	5-Methyl-CTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_000102
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

## GENE INFORMATION

<b>Alternative Names</b>	CPT7
<b>Description</b>	This gene is a protein coding gene. Exhibits 17-alpha-hydroxyprogesterone aldolase activity; heme binding activity; and steroid 17-alpha-monooxygenase activity. Involved in hormone biosynthetic process and progesterone metabolic process. Predicted to localize to endoplasmic reticulum membrane. Implicated in several diseases, including cholelithiasis; congenital adrenal hyperplasia; gallbladder cancer; osteoporosis; and prostate cancer. Biomarker of polycystic ovary syndrome.