



## IVTScrip™ mRNA-Human ISLET-1, (Cap 1, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK5722MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK5722MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & N1-Methylpseudo-UTP. It encodes the ISLET-1 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	N1-Methylpseudo-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_002202
<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>	ISLET1
<b>Description</b>	This gene is a protein coding gene. Exhibits DNA-binding transcription factor activity, RNA polymerase II-specific; DNA-binding transcription factor binding activity; and cis-regulatory region sequence-specific DNA binding activity. Involved in cardiac cell fate determination; positive regulation of transcription by RNA polymerase II; and secondary heart field specification. Predicted to localize to nuclear chromatin. Implicated in type 1 diabetes mellitus and type 2 diabetes mellitus.