



## IVTScrip™ mRNA-Human KCNQ4, (Cap 1, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK6452MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK6452MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & 2-Thio-UTP. It encodes the KCNQ4 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	2-Thio-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_004700
<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>	DFNA2A
<b>Description</b>	This gene is a protein coding gene. Predicted to have calmodulin binding activity and delayed rectifier potassium channel activity. Predicted to be involved in potassium ion transmembrane transport. Predicted to localize to voltage-gated potassium channel complex. Implicated in autosomal dominant nonsyndromic deafness 2A and sensorineural hearing loss.