



## IVTScrip™ mRNA-Human AK5, (Cap 0, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK17451MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK17451MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It encodes the AK5 protein. This product can be used in Natural killer T (NKT) cell-related researches.

#### Specifications

<b>Modified bases</b>	5-Methyl-CTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_012093.4
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

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## GENE INFORMATION

<b>Alternative Names</b>	AK6
<b>Description</b>	This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]