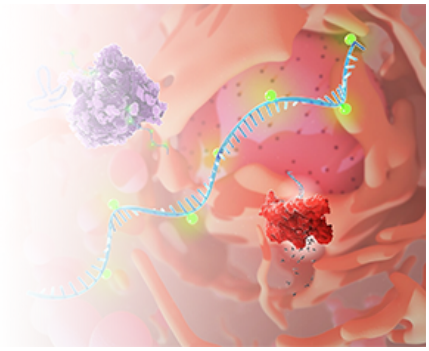


IVTScrip™ mRNA-Human AK4, (Cap 1, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK20150MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK20150MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & N1-Methylpseudo-UTP. It e codes the AK4 protein. This product can be used in Astrocyte-related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001005353.3
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	AK3; AK 4; AK3L1; AK3L2
Description	This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is l ocalized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleoti de compositions within a cell by catalyzing the reversible transfer of phosphate group among thes e nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression o f these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene has been located on chromosome 17. Three transcript variants encoding the same protein have been i dentified for this gene. Sequence alignment suggests that the gene defined by NM_013410, NM_2 03464, and NM_001005353 is located on chromosome 1. [provided by RefSeq, Jul 2008]

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