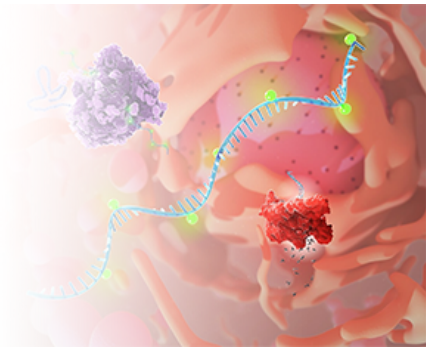


IVTScrip™ mRNA-Human ARG1, (Cap 0, 5-Methyl-CTP, 120 nt-poly(A))

Cat. No.: GTTS-WK22876MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK22876MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It ecodes t he ARG1 protein. This product can be used in Hepatocyte-related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_000045.4
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Description	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mamm alian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, i mmunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inhe rited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characteriz ed by hyperammonemia. Two transcript variants encoding different isoforms have been found for t his gene. [provided by RefSeq, Sep 2011]

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