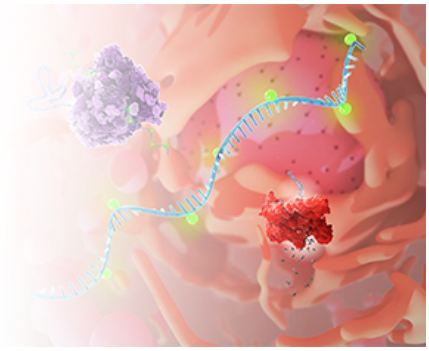


IVTScrip™ mRNA-Human AMPD3, (Cap 1, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK19959MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK19959MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & Pseudo-UTP. It ecodes the AMPD3 protein. This product can be used in Oocyte-related researches.

Specifications

Modified bases	Pseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_000480.3
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Description	This gene encodes a member of the AMP deaminase gene family. The encoded protein is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. This gene encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq, Jul 2008]

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