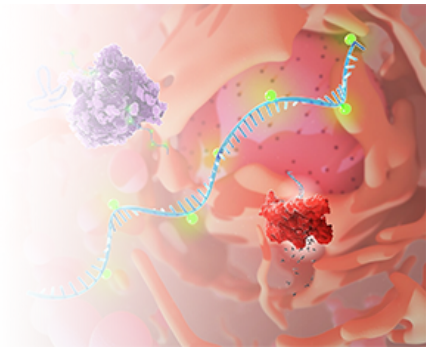


IVTScrip™ mRNA-Human APOA1, (Cap 0, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK24614MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK24614MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It ecodes th e APOA1 protein. This product can be used in Primitive endoderm cell-related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_000039.3
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	HPALP2; apo(a)
Description	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipopr otein (HDL) in plasma. The encoded preproprotein is proteolytically processed to generate the mat ure protein, which promotes cholesterol efflux from tissues to the liver for excretion, and is a cofact or for lecithin cholesterolacyltransferase (LCAT), an enzyme responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chro mosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. Alternative splicing results in multiple transcript va riants, at least one of which encodes a preproprotein. [provided by RefSeq, Dec 2015]

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