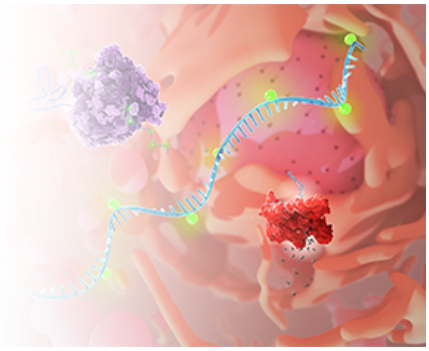

IVTScrip™ mRNA-Human AGPAT2, (Cap 0, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK16209MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK16209MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & Pseudo-UTP. It ecodes the AGPAT2 protein. This product can be used in Ionocyte cell-related researches.

Specifications

Modified bases	Pseudo-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001012727.2
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta
Description	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. The protein is located within the endoplasmic reticulum membrane and converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. Mutations in this gene have been associated with congenital generalized lipodystrophy (CGL), or Berardinelli-Seip syndrome, a disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]