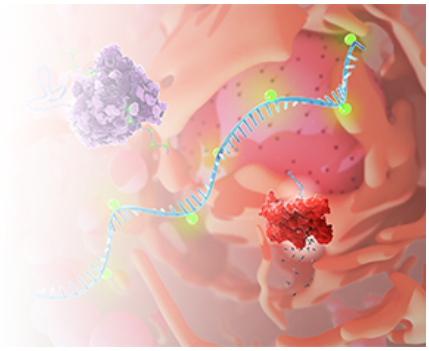

IVTScrip™ mRNA-Human ACSM2A, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK8851MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK8851MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It ecodes the ACSM2A protein. This product can be used in B cell-related researches.

Specifications

Modified bases	5-Methyl-CTP & Pseudo-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001308169.2
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	ACSM2; A-923A4.1
Description	This gene encodes a mitochondrial acyl-coenzyme A synthetase that is specific for medium chain f atty acids. These enzymes catalyze fatty acid activation, the first step of fatty acid metabolism, thro ugh the transfer of acyl-CoA. These enzymes also participate in the glycine conjugation pathway in the detoxification of xenobiotics such as benzoate and ibuprofen. Expression levels of this gene in the kidney may be correlated with kidney function. This gene and its paralog ACSM2B (Gene ID: 3 48158), both present on chromosome 16, likely arose from a chromosomal duplication event. [prov ided by RefSeq, May 2017]