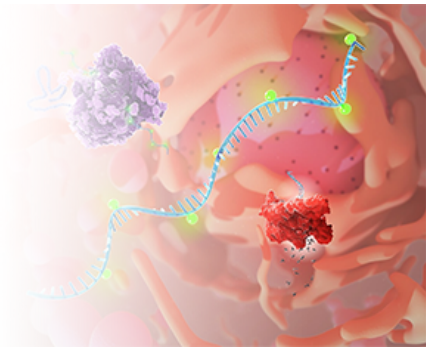


IVTScrip™ mRNA-Human ACSL3, (Cap 1, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK12747MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK12747MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & Pseudo-UTP. It ecodes th e ACSL3 protein. This product can be used in Monocyte-related researches.

Specifications

Modified bases	Pseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001354158.2
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	ACS3; FACL3; LACS3; LACS 3; PRO2194
Description	The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase fa mily. Although differing in substrate specificity, subcellular localization, and tissue distribution, all is ozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby pla y a key role in lipid biosynthesis and fatty acid degradation. This isozyme is highly expressed in br ain, and preferentially utilizes myristate, arachidonate, and eicosapentaenoate as substrates. The amino acid sequence of this isozyme is 92% identical to that of rat homolog. Two transcript variant s encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

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