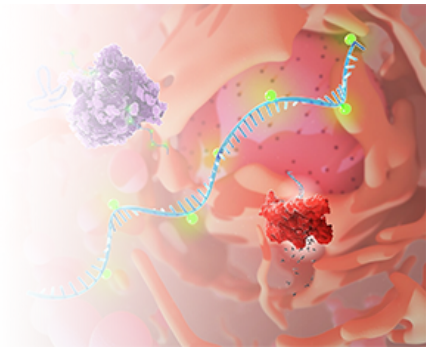


IVTScrip™ mRNA-Human AARS2, (Cap 0, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK9319MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK9319MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & N1-Methylpseudo-UTP. It e codes the AARS2 protein. This product can be used in Epiblast cell-related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_020745.4
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	AARSL; LKENP; COXPD8; MTALARS; MT-ALARS
Description	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Amino acyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl -tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8. [pr ovided by RefSeq, Dec 2011]

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