



## IVTScrip™ mRNA-Human AARSD1, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK11420MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK11420MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the AARSD1 protein. This product can be used in Multilymphoid progenitor cell-related researches.

#### Specifications

<b>Modified bases</b>	5-Methoxy-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_001261434.2
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

### SPECIFICATIONS

<b>Modified bases</b>	5-Methoxy-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_001261434.2
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

## GENE INFORMATION

<b>Alternative Names</b>	MGC2744
<b>Description</b>	AARSD1 (Alanyl-TRNA Synthetase Domain Containing 1) is a Protein Coding gene. Diseases associated with AARSD1 include Spinal Muscular Atrophy, Distal, Autosomal Recessive, 1 and Autosomal Recessive Distal Hereditary Motor Neuronopathy. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and aminoacyl-tRNA editing activity. An important paralog of this gene is PTGES3L-AARSD1.