



## IVTScrip™ mRNA-Human MMP9, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4354MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK4354MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the MMP9 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	5-Methoxy-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_004994
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

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## GENE INFORMATION

<b>Alternative Names</b>	MANDP2; GELB
<b>Description</b>	<p>This gene is a protein coding gene. Exhibits identical protein binding activity; metalloendopeptidase activity; and serine-type endopeptidase activity. Involved in several processes, including cellular response to UV-A; positive regulation of keratinocyte migration; and regulation of apoptotic signaling pathway. Localizes to extracellular space. Implicated in several diseases, including Down syndrome; anodontia; artery disease (multiple); autoimmune disease (multiple); and chronic obstructive pulmonary disease (multiple). Biomarker of several diseases, including artery disease (multiple); autoimmune disease (multiple); brain disease (multiple); carcinoma (multiple); and lung disease (multiple).</p>