



## IVTScrip™ mRNA-Human ADAMTS7, (Cap 0, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK10106MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK10106MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It encodes the ADAMTS7 protein. This product can be used in Gonadal endothelial cell-related researches.

#### Specifications

<b>Modified bases</b>	2-Thio-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_014272.5
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

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## GENE INFORMATION

<b>Alternative Names</b>	ADAM-TS7; ADAMTS-7; ADAM-TS 7
<b>Description</b>	<p>The protein encoded by this gene is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and may regulate vascular smooth muscle cell (VSMC) migration. Mutations in this gene may be associated with susceptibility to coronary artery disease. [provided by RefSeq, Feb 2016]</p>