



## IVTScrip™ mRNA-Human ADIPOR1, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK10753MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK10753MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It encodes the ADIPOR1 protein. This product can be used in Fat cell (adipocyte)-related researches.

#### Specifications

**Modified bases** 5-Methyl-CTP & Pseudo-UTP

**5' Cap** Cap 0

**Species** Human

**RefSeq** NM\_001290553.2

**Applications** Gene therapy research

**Format** Powder

**Quantity** 100 µg

**Purification** Chromatography

#### SPECIFICATIONS

<b>Modified bases</b>	5-Methyl-CTP & Pseudo-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_001290553.2
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<b>Purification</b>	Chromatography

## GENE INFORMATION

<b>Alternative Names</b>	CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A
<b>Description</b>	This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2014]