



## IVTScrip™ mRNA-Human AQP9, (Cap 0, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK23453MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK23453MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & Pseudo-UTP. It encodes the AQP9 protein. This product can be used in Monocyte-related researches.

#### Specifications

<b>Modified bases</b>	Pseudo-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_001320635.2
<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>	SSC1; AQP-9; T17287; HsT17287
<b>Description</b>	The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]