



## IVTScrip™ mRNA-Human AQP5, (Cap 1, Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK25250MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK25250MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & Pseudo-UTP. It encodes the AQP5 protein. This product can be used in Type I pneumocyte-related researches.

#### Specifications

<b>Modified bases</b>	Pseudo-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_001651.4
<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>	PPKB; AQP-5
<b>Description</b>	Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13. [provided by RefSeq, Jul 2008]